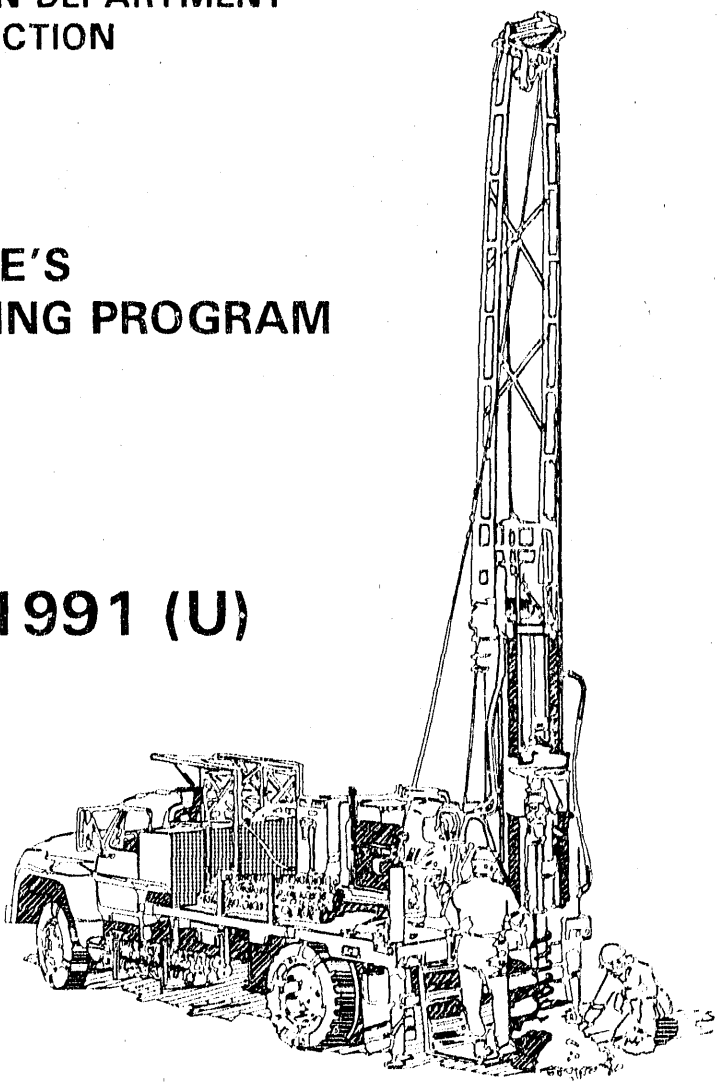
ESH-EMS-910088

THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM

SECOND QUARTER 1991 (U)



Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

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SAVANNAH RIVER SITE

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This Quarter at a Glance . . .

Executive Summary—table of all analytes detected at or above Flag 2 criteria
Flagging Criteria—flagging criteria for analytes
Sample Scheduling—description of the sampling schedule
Field Notes—comments from the field-data books
Analytical Data Review—discrepancies in each laboratory's analytical data and methods used by the primary laboratory and its subcontractor
Quality Control Samples—discussion of the replicate analysis program, the accuracy of analyses results from the primary laboratory, and the analytical results of laboratory tests on blanks
Analytical Results—tables listing all analytical results and field data
Water-Level Data—field data obtained for a special A/M Areas project
DNAPL Study—analytical data obtained for a project in the A/M Areas

• • •

The following is a key to the numbered areas of the Savannah River Site.

Site	Function
100 Areas — Reactors	To operate and support the reactors to irradiate target assemblies to produce the product.
200 Areas — Separations	To separate and purify the product from fuel and target assemblies; to process waste.
300 Areas — Reactor Materials	To fabricate new fuel and target assemblies from raw materials.
400 Areas — Heavy Water	To produce steam and electrical power; to process heavy water.
700 Areas — Administration	To provide administrative and support services.

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THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM

SECOND QUARTER 1991 (U)

Environmental Protection Department
Westinghouse Savannah River Company
Aiken, SC

and

Exploration Resources, Inc.
Athens, GA

Publication Date: January 10, 1992

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

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1. EXECUTIVE SUMMARY

The Environmental Protection Department/ Environmental Monitoring Section (EPD/EMS) administers the Savannah River Site's (SRS) Groundwater Monitoring Program. During second quarter 1991 EPD/EMS conducted extensive sampling of monitoring wells.

EPD/EMS established two sets of flagging criteria in 1986 to assist in the management of sample results. The flagging criteria do not define contamination levels; instead, they aid personnel in sample scheduling, interpretation of data, and trend identification. Beginning in 1991, the flagging criteria are based on EPA drinking water standards and method detection limits. A detailed explanation of the current flagging criteria is presented in the **Flagging Criteria** section of this document.

Analytical results from second quarter 1991 are listed in this report, which is distributed to all site custodians. The BGX series wells are new wells which were first sampled during second quarter 1991. Fifty-seven wells scheduled for analyses during second quarter 1991 were not sampled pending establishment of a purge water containment program. For more information, see **Sample Scheduling**.

One or more analytes exceeded Flag 2 during second quarter 1991 in 61 monitoring well series. Analytes exceeded the current Flag 2 criteria for the first time since 1984 in 17 monitoring well series.

These sites with constituents in the groundwater above Flag 2 in second quarter 1991 are listed in Table 1, organized by location and well series. Results from all laboratory analyses above Flag 2 are used to generate this table. (In quarterly reports prior to the Third Quarter 1988 Report, the table was generated using data only from the former primary laboratory, Envirodyne Engineers.) Also, specific conductance and pH data from the field are included in this table. (In quarterly reports prior to the Third Quarter 1988 Report, the table was generated using specific conductance and pH data only from the laboratory.)

Table 1. Analytes Above Flag 2 Criteria

Site	Well Series	Analytes Above Flag 2 Criteria Second Quarter 1991
100 AREAS		
C Area		
C-Area Reactor Seepage Basins	CSB	pH, trichloroethylene
C-Area Disassembly Basin	CDB	Tritium

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

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

Site	Well Series	Analytes Above Flag 2 Criteria Second Quarter 1991
100 AREAS (cont.)		
K Area		
K-Area Acid/Caustic Basin	KAC	Iron, lead, specific conductance, total organic halogens
K-Area Ash Basin	KAB	Specific conductance
K-Area Coal Pile Runoff Containment Basin	KCB	Specific conductance
K-Area Disassembly Basin	KDB	Tritium
K-Area Reactor Seepage Basin	KSB	Tritium
L Area		
L-Area Oil and Chemical Basin	LCO	Specific conductance, tetrachloroethylene, tritium
L-Area Reactor Seepage Basin	LSB	**Gross alpha**, lead, **nonvolatile beta**, tritium
P Area		
P-Area Acid/Caustic Basin	PAC	Iron, manganese, total organic carbon
P-Area Burning/Rubble Pit	PRP	Lead, tetrachloroethylene, trichloroethylene, tritium
P-Area Coal Pile Runoff Containment Basin	PCB	Lead, specific conductance
P-Area Disassembly Basin	PDB	Lead
P-Area Reactor Seepage Basins	PSB	Lead
R Area		
Series F, R-Area Reactor Seepage Basins	RSF	pH
200 AREAS		
F Area		
Burma Road Rubble Pit	BRR	Tritium, xylenes
F-Area Acid/Caustic Basin	FAC	Manganese, total organic halogens, total radium

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

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

Site	Well Series	Analytes Above Flag 2 Criteria Second Quarter 1991
200 AREAS (cont.)		
F Area (cont.)		
F-Area A Line	FAL	Trichloroethylene
F-Area Canyon Building	FCA	Gross alpha, nonvolatile beta, nitrate as nitrogen, total radium, trichloroethylene, tritium
F-Area Coal Pile Runoff Containment Basin	FCB	Lead, total organic halogens
F-Area Microbiology Wells	P	pH, specific conductance
F-Area Sludge Land Application Site	FSS	Iron, lead, manganese, tritium
F-Area Seepage Basins	FSB	Antimony, aluminum, barium, cadmium, cobalt, fluoride, gross alpha, iron, lead, manganese, mercury, nickel, nitrate as nitrogen, nonvolatile beta, pH, specific conductance, **sulfate**, tetrachloroethylene, total organic halogens, total radium, total silica, trichloroethylene, trichlorofluoromethane, tritium, uranium
F-Area Tank Farm	FTF	Specific conductance, pH
Old F-Area Seepage Basin	FNB	Nonvolatile beta, manganese, nitrate as nitrogen, total radium
Between the F-Area Canyon Building and the Naval Fuel Material Facility	NBG	Nitrate as nitrogen, nonvolatile beta, specific conductance, total radium, trichloroethylene, tritium
H Area		
H-Area Acid/Caustic Basin	HAC	Iron, tritium
H-Area Canyon Building	HCA	Tritium
H-Area Coal Pile Runoff Containment Basin	HCB	Specific conductance

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

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

Site	Well Series	Analytes Above Flag 2 Criteria Second Quarter 1991
200 AREAS (cont.)		
H Area (cont.)		
H-Area Seepage Basins	HSB	Aluminum, antimony, arsenic, cadmium, cobalt, gross alpha, iron, lead, manganese, mercury, nickel, nitrate as nitrogen, nonvolatile beta, pH, **silver**, specific conductance, **sulfate**, tetrachloroethylene, total organic halogens, total radium, tritium, total silica, vanadium
H-Area Tank Farm	HTF	Lead, total radium
S Area		
S-Area Vitrification Building	SCA	**Iron**, manganese, specific conductance, **total radium**, tritium
Y Area		
Y-Area Waste Solidification and Disposal Facility	YSC	pH, **tritium**
300/700 AREAS		
A-Area Burning/Rubble Pits	ARP	Trichloroethylene
A/M Area: Cluster Perimeter Wells and Plume Definition Wells	AC	**Total radium**
A-Area Metals Burning Pit	ABP	Antimony, nonvolatile beta, lithium, manganese, pH, specific conductance
M-Area Hazardous Waste Management Facility (HWMF)	MSB	Aluminum, **barium**, cadmium, carbon tetrachloride, chlorobenzene, 1,1-dichloroethylene, iron, lead, manganese, mercury, nitrate as nitrogen, nonvolatile beta, pH, specific conductance, tetrachloroethylene, total organic carbon, total organic halogens, total radium, 1,1,1-trichloroethane, 1,1,2-trichloroethane, **2,4,5-trichlorophenoxyacetic acid**, trichloroethylene, trichlorofluoromethane, tritium, zinc
M Area: Recovery Wells (also used for plume definition)	RWM	Aluminum, carbon tetrachloride, **iron**, manganese, nitrate as nitrogen, tetrachloroethylene, total organic halogens, trichloroethylene, **trichlorofluoromethane**

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

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

Site	Well Series	Analytes Above Flag 2 Criteria Second Quarter 1991
300/700 AREAS (cont.)		
Metallurgical Laboratory Seepage Basin	AMB	Iron, lead, manganese, tetrachloroethylene, trichloroethylene, total organic halogens, total radium
Miscellaneous Chemical Basin	MCB	Lead, lithium, manganese, nonvolatile beta, pH, specific conductance, tetrachloroethylene, total organic halogens, trichloroethylene, **2,4,5-trichlorophenoxyacetic acid**
Motor Shop Oil Basin	AOB	Tetrachloroethylene, trichloroethylene
Savannah River Laboratory (SRL) Seepage Basins	ASB	**Chromium**, lead, pH, specific conductance, tetrachloroethylene, trichloroethylene, total organic halogens, tritium
Silverton Road Waste Site	SRW	Trichloroethylene
400 AREA		
D Area		
D-Area Coal Pile Runoff Containment Basin and Ash Basins	DCB	pH, specific conductance, trichloroethylene
600 AREAS		
Burial Grounds (E Area)		
Burial Grounds	BG	Aluminum, gross alpha, iron, lead, manganese, mercury, total carbon, total inorganic carbon, total radium, tritium
Burial Grounds Perimeter	BGO	Aluminum, cadmium, **chloroethene (vinyl chloride)**, 1,1-dichloroethylene, 1,1-dichloroethane, dichloromethane (methylene chloride), iron, lead, manganese, nitrate as nitrogen, pH, specific conductance, tetrachloroethylene, **tin**, total organic halogens, trichloroethylene, tritium
E-Area Vaults Near the Burial Grounds	BGX	**Manganese**, **trichloroethylene**, **tritium**
Hazardous Waste/Mixed Waste Disposal Facility	HMD	Manganese, **total radium**, trichlorofluoromethane

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

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

Site	Well Series	Analytes Above Flag 2 Criteria Second Quarter 1991
600 AREAS (cont.)		
Central Shops Area		
Central Shops Burning/Rubble Pit south of the Ford Building Seepage Basin	CBR	**Tetrachloroethylene, total organic halogens, total radium, trichloroethylene**
Central Shops Diesel Spill Characterization and Remediation Wells	CSD	pH
Ford Building Seepage Basin	HXB	Manganese, tritium
General Areas		
Chemicals, Metals, and Pesticides (CMP) Pits	CMP	pH, tetrachloroethylene, total organic halogens, trichloroethylene
Interim Waste Technology Site B: Characterization Wells	IDB	Aluminum, antimony, specific conductance, iron, lead, pH, total carbon, total inorganic carbon
Interim Waste Technology Site P: Characterization Wells	IDP	Aluminum, iron, pH, total carbon, total inorganic carbon
Interim Waste Technology Site Q: Characterization Wells	IDQ	Aluminum, iron, manganese, pH, total carbon, total inorganic carbon
Road A Chemical Basin (Baxley Road)	BRD	Lead, **specific conductance, total organic halogens**
Sanitary Landfill	LFW	**Acetone, antimony**, benzene, chlorobenzene, chloroethene (vinyl chloride), chloromethane (methyl chloride), 1,1-dichloroethylene, 1,1-dichloroethane, 1,2-dichloroethane, **1,2-dichlorobenzene, dichlorodifluoromethane**, lead, manganese, specific conductance, tetrachloroethylene, total organic carbon, total organic halogens, total radium, trichlorofluoromethane, trichloroethylene, **1,1,2-trichloroethane**, tritium, xylenes
B-Area Microbiology Wells	P	Benzene
TNX		
New TNX Seepage Basin	YSB	Total organic halogens
Old TNX Seepage Basin	XSB	Carbon tetrachloride, iron, mercury, manganese, nitrate as nitrogen, total organic halogens, trichloroethylene

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

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

Site	Well Series	Analytes Above Flag 2 Criteria Second Quarter 1991
600 AREAS (cont.)		
TNX (cont.)		
TNX Area: Background Wells	P	Iron, total organic halogens
TNX Area: Assessment Wells	TNX	Carbon tetrachloride, gross alpha, iron, manganese, nitrate as nitrogen, **nonvolatile beta**, tetrachloroethylene, total radium, total organic halogens, trichloroethylene
TNX Burying Ground	TBG	Iron, manganese, nitrate as nitrogen, tetrachloroethylene, total organic halogens, total radium, trichloroethylene

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

NOTES

2. INTRODUCTION

This report summarizes the SRS groundwater monitoring program conducted by EPD/EMS in the second quarter of 1991. It includes the analytical data, field data, data review, quality control, and other documentation for this program; provides a record of the program's activities; and serves as an official document of the analytical results.

EPD/EMS is responsible for monitoring for constituents in the groundwater at approximately 135 waste sites in 16 areas at SRS (see Figures 1 and 2, pp. 12–13). The majority of this monitoring is required by U.S. Department of Energy (DOE) orders and by federal and state regulations administered by the U.S. Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC). The groundwater monitoring program includes the following activities:

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

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

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

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

ORGANIZATION OF THIS REPORT

This report is divided into sections that focus on specific aspects of the SRS groundwater monitoring program. The **Executive Summary** section presents a tabular listing by waste site and well series of all analytes detected at or above Flag 2 criteria during the quarter. Analytes detected at or above Flag 2 criteria for the first time since 1984 are indicated in bold type. The flagging criteria were revised during second quarter 1991.

INTRODUCTION

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

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

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

Samples are analyzed by the EPD/EMS and M-Area laboratories at SRS and by one or more off-site laboratories. During second quarter, General Engineering was the primary off-site laboratory; some of the analyses were subcontracted to EcoTek Analytical Services. The **Analytical Data Review** section contains two subsections. The **Review of the Analytical Data for Errors** subsection is a discussion of discrepancies in each laboratory's analytical data, including results that are considerably higher or lower than previous results, analyses that were omitted, blanks that showed elevated results and their associated samples, and samples that were held past the allowable holding time. The **Analytical Methods** subsection lists the methods that the General Engineering and EcoTek Analytical Services laboratories used for measuring concentrations of each analyte.

A select number of replicate samples are analyzed by the off-site laboratory as part of the EPD/EMS quality control program. The **Quality Control Samples** section contains four subsections. The **Replicate and Duplicate Analyses of Samples** subsection explains the replicate analysis program, gives the statistical methods used for comparison, and lists the results of the comparisons. The **Comments on the Replicate and Duplicate Analyses** subsection discusses the replicate and duplicate analyses comparison results and their meanings. The accuracy of analyses is tested using solutions with known analyte concentrations; the results and percentages of accuracy are found in the **Quality Control Standards** subsection. The **Blanks** subsection lists analytical results of laboratory tests on samples of deionized water to aid in determining if constituents were in the rinsewater, in sample containers, or introduced during analysis.

The **Analytical Results** section includes tables listing the analytical results from all the laboratories and field data for all wells sampled during the quarter. The tables are listed in alphabetical order by well name. The radioisotope analyses are not available for this report.

The **Water-Level Data** section includes field data obtained for a special project on concurrent water elevations in the A/M Areas; these data are used by site custodians in hydrogeologic interpretation. Data for a special study on dense non-aqueous phase liquids (DNAPLs) assessment in the A/M Area is presented in the **DNAPL Study** section.

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

FOR FURTHER INFORMATION

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

Quarterly Reports

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

Report	Document Number
First Quarter 1991	ESH-EMS-910087
Fourth Quarter 1990	ESH-EMS-900134
Third Quarter 1990	ESH-EMS-900133
Second Quarter 1990	ESH-EMS-900132
First Quarter 1990	ESH-EMS-90-0131
Fourth Quarter 1989	ESH-EMS-890046
Third Quarter 1989	ESH-EMS-890045
Second Quarter 1989	ESH-EMS-890044

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

Annual Reports

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

Report	Document Number
1990	WSRC-IM-91-28 (Vols. 1 and 2)
1989	WSRC-IM-90-60 (Vols. 1 and 2)
1988	WSRC-RP-89-59-1 (Vols. 1 and 2)
1987	DPSPU-88-30-1 (Vols. 1 and 2)
1986	DPSPU-87-30-1 (Vols. 1 and 2)
1985	DPSPU-86-30-1 (Vols. 1 and 2)

Inventory and Maps of Wells

The *Environmental Protection Department's Well Inventory* provides a historical record of the wells that are monitored by EPD/EMS, contains a list of wells currently in the EPD/EMS groundwater monitoring program, and provides pertinent information about all wells listed in EPD/EMS documents. The latest version is ESH-EMS-910091, which includes site maps for abandoned and active wells.

Other Data Reports

The U.S. Department of Energy's *Geoscience Implementation Plan* and *Geohydrology Program Report* describe projects relating to the geohydrology program at SRS and their current status and administration.

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

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

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

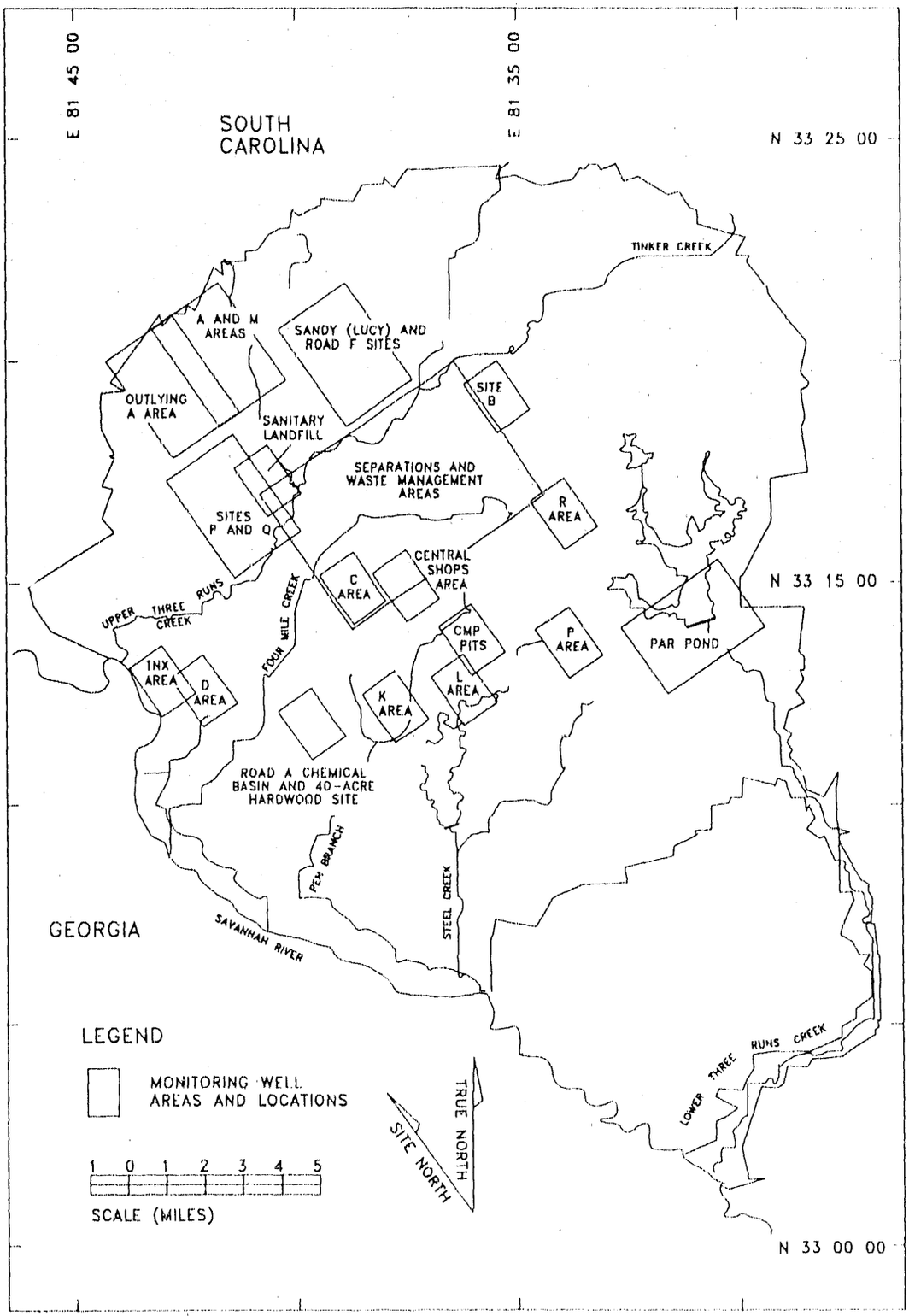

Figure 1. Areas and Locations Monitored for Groundwater Quality at the Savannah River Site

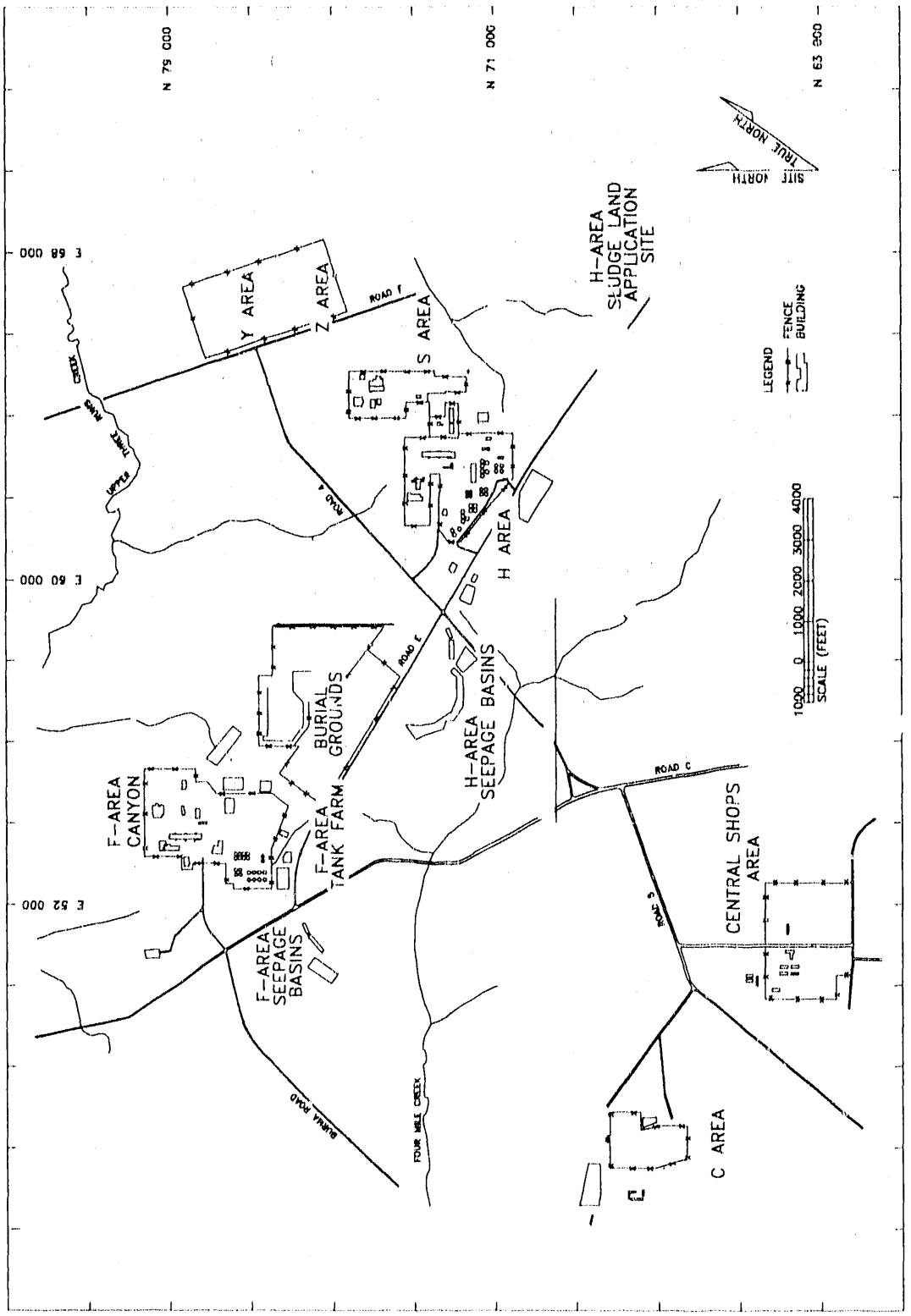

Figure 2. Separations and Waste Management Areas Monitored for Groundwater Quality

NOTES

3. FLAGGING CRITERIA

Beginning in 1991, EPD/EMS modified its guidelines for flagging constituents in the Groundwater Monitoring Program. When Flag 1 or Flag 2 criterion is assigned to a constituent, it triggers sample collection in the scheduling program for the entire well series. However, the flags are reduced or removed by individual well. The flagging criteria in Table 2, and the resulting sample scheduling, were determined as follows.

Flag 0: Analytical results for a constituent below Flag 1 are classified as Flag 0. Constituents classified as Flag 0 in each well series will be scheduled for analyses only by custodian request or as part of the biennial comprehensive analysis program.

Flag 1: The Flag 1 criterion for a constituent equals one-half of the Environmental Protection Agency (EPA) primary drinking water standard, the EPA proposed primary drinking water standard, or the EPA secondary drinking water standard for that constituent. If a constituent does not have an EPA drinking water standard, the Flag 1 criterion equals 5 times the method detection limit. If an analytical result for a constituent in any well exceeds Flag 1, all wells in the same monitoring series from which samples were collected will be sampled and analyzed for that constituent once a year. If a constituent falls below Flag 1 for three consecutive sampling episodes, the well's flag will be reduced from Flag 1 status to Flag 0 status and will follow the rules for Flag 0.

Flag 2: The Flag 2 criterion for a constituent equals the EPA primary drinking water standard, the EPA proposed primary drinking water standard, or the EPA secondary drinking water standard for that constituent. If a constituent does not have a drinking water standard, the Flag 2 criterion equals 10 times the method detection limit. If an analytical result for a constituent exceeds Flag 2, all wells in the monitoring series from which samples were collected will be sampled and analyzed for that constituent twice a year. If a constituent falls below Flag 2 for three consecutive sampling episodes, the well's flag will be reduced from Flag 2 status to Flag 1 or Flag 0 status, depending on the results, and will follow the rules for the lower flag.

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

The following parameters or constituents are not scheduled according to flagging rules but will receive analyses by custodian request or during biennial comprehensive analyses:

- The indicator parameters specific conductance and pH have flagging criteria that do not trigger the scheduling mechanism.
- Thorium-234, which may be reported as part of the gamma PHA analysis, has flagging criteria that do not trigger sample collection in the scheduling program for gamma PHA or alpha spectroscopy.
- The following major cations, aesthetic analyses, and indicator parameters are not assigned flagging criteria: alkalinity, calcium, carbonate, color, corrosivity, magnesium, odor, potassium, Eh, silica, sodium, total dissolved solids, total phosphorus, total phosphates (as P), and turbidity.

FLAGGING CRITERIA

- Common laboratory contaminants and cleaners including phthalates, methylene chloride, ketones, and toluene are not assigned flagging criteria.

Analyses for iodine-131, iron-55, iron-59, nickel-63, and plutonium-241 have been discontinued as part of the EPD/EMS Groundwater Monitoring Program, and historical data for these constituents will not trigger sample collection in the scheduling program. The low quantities of these constituents and the limited analytical capabilities at production-oriented laboratories have necessitated this program modification.

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

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

CFR - *Code of Federal Regulations.* See Environmental Protection Agency in **References.**

DWS - Drinking Water Standards.

EPA - Environmental Protection Agency.

EPA Method - A specific analytical method for testing constituent levels. With the exception of method 300, descriptions of these methods may be found in the EPA publications *Methods for Chemical Analysis of Water and Wastes, Test Methods for Evaluating Solid Waste,* and *Code of Federal Regulations,* Title 40, Section 141 (1990). See Environmental Protection Agency in **References.**

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

Table 2. Flagging Criteria

Analyte	Unit	Flag 1	Flag 2	Source
Acenaphthene	µg/L	50	100	EPA Method 8270
Acenaphthylene	µg/L	50	100	EPA Method 8270
Acetone	µg/L	50	100	EPA Method 8240
Acetonitrile (Methyl cyanide)	µg/L	500	1,000	EPA Method 8240
Acetophenone	µg/L	50	100	EPA Method 8270
2-Acetylaminofluorene	µg/L	50	100	EPA Method 8270
Acrolein	µg/L	100	200	EPA Method 8240
Acrylonitrile	µg/L	100	200	EPA Method 8240
Aldrin	µg/L	2.5	5	EPA Method 8080
Alkalinity (as $CaCO_3$)		No flag	No flag	Set by EPD/EMS
Allyl chloride	µg/L	250	500	EPA Method 8240
Aluminum	µg/L	100	200	EPA Method 6010
Americium-241	µCi/mL	3.17E-09	6.34E-09	Proposed DWS (EPA, 1991d)
Americium-243	µCi/mL	3.19E-09	6.37E-09	Proposed DWS (EPA, 1991d)
4-Aminobiphenyl	µg/L	50	100	EPA Method 8270
Ammonia	µg/L	500	1,000	APHA Method 417B
Ammonia nitrogen	µg/L	50	100	EPA Method 350.1
Aniline	µg/L	50	100	EPA Method 8270
Anthracene	µg/L	50	100	EPA Method 8270
Antimony	µg/L	2.5	5	Proposed DWS (EPA, 1990b)
Antimony-125	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Aramite	µg/L	50	100	EPA Method 8270
Arsenic	µg/L	25	50	Final DWS (CFR, 1990)
Azobenzene	µg/L	50	100	EPA Method 625
Barium	µg/L	1,000	2,000	Final DWS (EPA, 1991c)
Barium-140	µCi/mL	4.5E-08	9E-08	Final DWS (EPA, 1977)

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Benzene	µg/L	2.5	5	Final DWS (CFR, 1990a)
alpha-Benzene hexachloride	µg/L	2.5	5	EPA Method 8080
beta-Benzene hexachloride	µg/L	2.5	5	EPA Method 8080
delta-Benzene hexachloride	µg/L	2.5	5	EPA Method 8080
Benzidine	µg/L	250	500	EPA Method 8270
Benzo[*a*]anthracene	µg/L	0.05	0.1	Proposed DWS (EPA, 1990b)
Benzo[*b*]fluoranthene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990b)
Benzo[*k*]fluoranthene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990b)
Benzoic acid	µg/L	250	500	EPA Method 8270
Benzo[*g,h,i*]perylene	µg/L	50	100	EPA Method 8270
Benzo[*a*]pyrene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990b)
1,4-Benzoquinone	µg/L	50	100	EPA Method 8270
Benzyl alcohol	µg/L	100	200	EPA Method 8270
Beryllium	µg/L	0.5	1	Proposed DWS (EPA, 1990b)
Beryllium-7	µCi/mL	3E-06	6E-06	Final DWS (EPA, 1977)
Bis(2-chloroethoxy) methane	µg/L	50	100	EPA Method 8270
Bis(2-chloroethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-chloroisopropyl) ether	µg/L	50	100	EPA Method 8270
Bis(chloromethyl)ether	µg/L	50	100	EPA Method 8270
Bis(chloromethyl-ethyl)ether	µg/L	50	100	EPA Method 8270
Bis(2-ethylhexyl) phthalate		No flag	No flag	Set by EPD/EMS
Bromide	µg/L	5,000	10,000	EPA Method 300.0
Bromodichloromethane	µg/L	50	100	Final DWS (CFR, 1990a)
Bromoform	µg/L	50	100	Final DWS (CFR, 1990a)
Bromomethane (Methyl bromide)	µg/L	5	10	EPA Method 8240
4-Bromophenyl phenyl ether	µg/L	50	100	EPA Method 8270
2-sec-Butyl-4,6-dinitrophenol	µg/L	3.5	7	Proposed DWS (EPA, 1990b)
Butylbenzyl phthalate		No flag	No flag	Set by EPD/EMS
Cadmium	µg/L	5	10	Final DWS (CFR, 1990a)
Calcium		No flag	No flag	Set by EPD/EMS
Carbon disulfide	µg/L	5	10	EPA Method 8240
Carbon tetrachloride	µg/L	2.5	5	Final DWS (CFR, 1990a)
Carbon 12-Labeled 2,3,7,8-TCDD	µg/L	0.00225	0.0045	EPA Method 8280
Carbon 12-Labeled 2,3,7,8-TCDF	µg/L	0.002	0.004	EPA Method 8280
Carbon-14	µCi/mL	1E-06	2E-06	Final DWS (EPA, 1977)
Carbonate		No flag	No flag	Set by EPD/EMS
Cerium-144	µCi/mL	1.31E-07	2.61E-07	Proposed DWS (EPA, 1991d)
Cesium-134	µCi/mL	4.07E-08	8.13E-08	Set by EPD/EMS*
Cesium-137	µCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Chlordane	µg/L	1	2	Final DWS (EPA, 1991a)
Chloride	µg/L	125,000	250,000	Secondary DWS (CFR, 1986a)
4-Chloroaniline	µg/L	50	100	EPA Method 8270
Chlorobenzene	µg/L	5	10	EPA Method 8240
Chlorobenzilate	µg/L	50	100	EPA Method 8270
Chloroethane	µg/L	5	10	EPA Method 8240
Chloroethene (Vinyl chloride)	µg/L	1	2	Final DWS (CFR, 1990a)
Chloroethyl vinyl ether	µg/L	5	10	EPA Method 8240
2-Chloroethyl vinyl ether	µg/L	5	10	EPA Method 8240
Chloroform	µg/L	50	100	Final DWS (CFR, 1990a)
para-Chloro-meta-cresol	µg/L	50	100	EPA Method 8270

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

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Chloromethane (Methyl chloride)	µg/L	5	10	EPA Method 8240
2-Chloronaphthalene	µg/L	50	100	EPA Method 8240
2-Chlorophenol	µg/L	50	100	EPA Method 8270
4-Chlorophenyl phenyl ether	µg/L	50	100	EPA Method 8270
Chloroprene	µg/L	1,000	2,000	EPA Method 8240
Chromium	µg/L	50	100	Final DWS (EPA, 1991a)
Chromium-51	µCi/mL	3E-06	6E-06	Final DWS (EPA, 1977)
Chrysene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990b)
Cobalt	µg/L	20	40	EPA Method 6010
Cobalt-58	µCi/mL	4.5E-06	9E-06	Final DWS (EPA, 1977)
Cobalt-60	µCi/mL	5E-08	1E-07	Final DWS (EPA, 1977)
Color		No flag	No flag	Set by EPD/EMS
Copper	µg/L	650	1,300	Final DWS (EPA, 1991b)
Corrosivity		No flag	No flag	Set by EPD/EMS
m-Cresol (3-Methylphenol)	µg/L	50	100	EPA Method 8270
o-Cresol (2-Methylphenol)	µg/L	50	100	EPA Method 8270
p-Cresol (4-Methylphenol)	µg/L	50	100	EPA Method 8270
Curium-242	µCi/mL	6.65E-08	1.33E-07	Proposed DWS (EPA, 1991d)
Curium-243	µCi/mL	4.15E-09	8.3E-09	Proposed DWS (EPA, 1991d)
Curium-244	µCi/mL	4.92E-09	9.84E-09	Proposed DWS (EPA, 1991d)
Curium-246	µCi/mL	3.14E-09	6.27E-09	Proposed DWS (EPA, 1991d)
Cyanide	µg/L	100	200	Proposed DWS (EPA, 1990b)
p,p'-DDD	µg/L	2.5	5	EPA Method 8080
p,p'-DDE	µg/L	2.5	5	EPA Method 8080
p,p'-DDT	µg/L	2.5	5	EPA Method 8080
Di-n-butyl phthalate		No flag	No flag	Set by EPD/EMS
Di-n-octyl phthalate		No flag	No flag	Set by EPD/EMS
Diallate	µg/L	50	100	EPA Method 8270
Dibenz[*a*,*h*]anthracene	µg/L	0.15	0.3	Proposed DWS (EPA, 1990b)
Dibenzofuran	µg/L	50	100	EPA Method 8270
Dibromochloromethane	µg/L	50	100	Final DWS (CFR, 1990b)
Dibromochloropropane	µg/L	0.1	0.2	Final DWS (EPA, 1991a)
1,2-Dibromo-3-chloropropane	µg/L	250	500	EPA Method 8240
1,2-Dibromoethane	µg/L	100	200	EPA Method 8240
Dibromomethane (Methylene bromide)	µg/L	5	10	EPA Method 8240
1,2-Dichlorobenzene	µg/L	50	100	EPA Method 8270
1,3-Dichlorobenzene	µg/L	50	100	EPA Method 8270
1,4-Dichlorobenzene	µg/L	37.5	75	Final DWS (CFR, 1990a)
3,3'-Dichlorobenzidine	µg/L	50	100	EPA Method 8270
trans-1,4-Dichloro-2-butene	µg/L	150	300	EPA Method 8240
Dichlorodifluoromethane	µg/L	5	10	EPA Method 8240
1,1-Dichloroethane	µg/L	5	10	EPA Method 8240
1,2-Dichloroethane	µg/L	2.5	5	Final DWS (CFR, 1990a)
cis-1,2-Dichloroethene	µg/L	35	70	Proposed DWS (EPA, 1989)
1,1-Dichloroethylene	µg/L	3.5	7	Final DWS (CFR, 1990a)
1,2-Dichloroethylene	µg/L	25	50	EPA Method 8240
trans-1,2-Dichloroethylene	µg/L	50	100	Final DWS (EPA, 1991a)
Dichloromethane (Methylene chloride)		No flag	No flag	Set by EPD/EMS
2,4-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,6-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,4-Dichlorophenoxyacetic acid	µg/L	50	100	Final DWS (CFR, 1990a)
1,2-Dichloropropane	µg/L	2.5	5	Final DWS (EPA, 1991a)

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
cis-1,3-Dichloropropene	µg/L	5	10	EPA Method 8240
trans-1,3-Dichloropropene	µg/L	5	10	EPA Method 8240
Dieldrin	µg/L	2.5	5	EPA Method 8080
Diethyl phthalate		No flag	No flag	Set by EPD/EMS
Dimethoate	µg/L	50	100	EPA Method 8270
p-Dimethylaminoazobenzene	µg/L	50	100	EPA Method 8270
p-(Dimethylamino)ethylbenzene	µg/L	50	100	EPA Method 8270
7,12-Dimethylbenz[*a*]anthracene	µg/L	50	100	EPA Method 8270
3,3'-Dimethylbenzidine	µg/L	50	100	EPA Method 8270
a,a-Dimethylphenethylamine	µg/L	50	100	EPA Method 8270
2,4-Dimethyl phenol	µg/L	50	100	EPA Method 8270
Dimethyl phthalate		No flag	No flag	Set by EPD/EMS
1,3-Dinitrobenzene	µg/L	50	100	EPA Method 8270
4,6-Dinitro-ortho-cresol	µg/L	250	500	EPA Method 8270
2,4-Dinitrophenol	µg/L	250	500	EPA Method 8270
2,4-Dinitrotoluene	µg/L	50	100	EPA Method 8270
2,6-Dinitrotoluene	µg/L	50	100	EPA Method 8270
1,4-Dioxane	µg/L	50	100	EPA Method 8270
Diphenylamine	µg/L	50	100	EPA Method 8270
1,2-Diphenylhydrazine	µg/L	50	100	EPA Method 8270
Dissolved organic carbon	µg/L	5,000	10,000	EPA Method 9060
Disulfoton	µg/L	50	100	EPA Method 8270
Eh (oxidation potential)		No flag	No flag	Set by EPD/EMS
alpha-Endosulfan	µg/L	50	100	EPA Method 8270
beta-Endosulfan	µg/L	50	100	EPA Method 8270
Endosulfan I	µg/L	2.5	5	EPA Method 8080
Endosulfan II	µg/L	2.5	5	EPA Method 8080
Endosulfan sulfate	µg/L	2.5	5	EPA Method 8080
Endrin	µg/L	0.1	0.2	Final DWS (CFR, 1990a)
Endrin aldehyde	µg/L	2.5	5	EPA Method 8080
Endrin ketone		No flag	No flag	Set by EPD/EMS
Ethyl methacrylate	µg/L	50	100	EPA Method 8270
Ethyl methanesulfonate	µg/L	50	100	EPA Method 8270
Ethylbenzene	µg/L	350	700	Final DWS (EPA, 1991a)
Famphur	µg/L	50	100	EPA Method 8270
Fluoranthene	µg/L	50	100	EPA Method 8270
Fluorene	µg/L	50	100	EPA Method 8270
Fluoride	µg/L	2,000	4,000	Final DWS (CFR, 1990a)
Gross alpha	µCi/mL	7.5E-09	1.5E-08	Final DWS (CFR, 1990a)
Heptachlor	µg/L	0.2	0.4	Final DWS (EPA, 1991a)
Heptachlor epoxide	µg/L	0.1	0.2	Final DWS (EPA, 1991a)
Heptachlorodibenzo-p-dioxin isomers	µg/L	0.00325	0.0065	EPA Method 8280
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	µg/L	0.00325	0.0065	EPA Method 8280
Heptachlorodibenzo-p-furan isomers	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorobenzene	µg/L	0.5	1	Proposed DWS (EPA, 1990b)
Hexachlorobutadiene	µg/L	50	100	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	25	50	Proposed DWS (EPA, 1990b)
Hexachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280

FLAGGING CRITERIA

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	µg/L	0.002	0.004	EPA Method 8280
Hexachloroethane	µg/L	50	100	EPA Method 8270
Hexachlorophene	µg/L	250	500	EPA Method 8270
Hexachloropropene	µg/L	50	100	EPA Method 8270
2-Hexanone	µg/L	100	200	EPA Method 8240
Indeno[1,2,3-c,*d*]pyrene	µg/L	50	100	EPA Method 8270
Iodine	µg/L	500	1,000	EPA Method 415
Iodine-129	µCi/mL	5E-010	1E-09	Final DWS (EPA, 1977)
Iodine-131		No flag	No flag	Set by EPD/EMS
Iodomethane (Methyl iodide)	µg/L	75	150	EPA Method 8240
Iron	µg/L	150	300	Secondary DWS (CFR, 1986a)
Iron-55		No flag	No flag	Set by EPD/EMS
Iron-59		No flag	No flag	Set by EPD/EMS
Isobutyl alcohol	µg/L	500	1,000	EPA Method 8240
Isodrin	µg/L	50	100	EPA Method 8270
Isophorone	µg/L	50	100	EPA Method 8270
Isosafrole	µg/L	50	100	EPA Method 8270
Kepone	µg/L	50	100	EPA Method 8270
Lead	µg/L	7.5	15	Final DWS (EPA, 1991b)
Lindane	µg/L	2	4	Final DWS (CFR, 1990a)
Lithium	µg/L	25	50	EPA Method 6010
Magnesium		No flag	No flag	Set by EPD/EMS
Manganese	µg/L	25	50	Secondary DWS (CFR, 1986a)
Manganese-54	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Mercury	µg/L	1	2	Final DWS (CFR, 1990a)
Methacrylonitrile	µg/L	250	500	EPA Method 8240
Methapyrilene	µg/L	50	100	EPA Method 8270
Methoxychlor	µg/L	50	100	Final DWS (CFR, 1990a)
3-Methylcholanthrene	µg/L	50	100	EPA Method 8270
2-Methyl-4,6-dinitrophenol	µg/L	250	500	EPA Method 8270
Methyl ethyl ketone		No flag	No flag	Set by EPD/EMS
Methyl isobutyl ketone		No flag	No flag	Set by EPD/EMS
Methyl methacrylate	µg/L	50	100	EPA Method 8270
Methyl methanesulfonate	µg/L	50	100	EPA Method 8270
2-Methylnaphthalene	µg/L	50	100	EPA Method 8270
Molybdenum	µg/L	250	500	EPA Method 6010
Naphthalene	µg/L	50	100	EPA Method 8270
1,4-Naphthoquinone	µg/L	50	100	EPA Method 8270
1-Naphthylamine	µg/L	50	100	EPA Method 8270
2-Naphthylamine	µg/L	50	100	EPA Method 8270
Neptunium-237	µCi/mL	3.53E-09	7.06E-09	Proposed DWS (EPA, 1991d)
Nickel	µg/L	50	100	Proposed DWS (EPA, 1990b)
Nickel-59		No flag	No flag	Set by EPD/EMS
Nickel-63		No flag	No flag	Set by EPD/EMS
Niobium-95	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Nitrate as nitrogen	µg/L	5,000	10,000	Final DWS (CFR, 1990a)
Nitrite as nitrogen	µg/L	500	1,000	Final DWS (EPA, 1991a)
2-Nitroaniline	µg/L	50	100	EPA Method 8270
3-Nitroaniline	µg/L	50	100	EPA Method 8270
4-Nitroaniline	µg/L	50	100	EPA Method 8270

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Nitrobenzene	µg/L	50	100	EPA Method 8270
Nitrogen by Kjeldahl method	µg/L	500	1,000	EPA Method 351.2
2-Nitrophenol	µg/L	50	100	EPA Method 8270
4-Nitrophenol	µg/L	50	100	EPA Method 8270
4-Nitroquinoline-1-oxide	µg/L	50	100	EPA Method 8270
N-Nitrosodi-n-butylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodimethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiphenylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodi-propylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomethylethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomorpholine	µg/L	50	100	EPA Method 8270
N-Nitrosopiperidine	µg/L	50	100	EPA Method 8270
N-Nitrosopyrrolidine	µg/L	50	100	EPA Method 8270
5-Nitro-o-toluidine	µg/L	50	100	EPA Method 8270
Nonvolatile beta	µCi/mL	2.5E-08	5E-08	Proposed DWS (EPA, 1986c)
Octachlorodibenzo-p-dioxin isomers	µg/L	0.005	0.01	EPA Method 8280
Octachlorodibenzo-p-furan isomers	µg/L	0.005	0.01	EPA Method 8280
Odor		No flag	No flag	Set by EPD/EMS
Oil & Grease	µg/L	5,000	10,000	EPA Method 413.1
Parathion	µg/L	2.5	5	EPA Method 8080
Parathion methyl	µg/L	2.5	5	EPA Method 8080
PCB 1016	µg/L	0.25	0.5	Final DWS (EPA, 1991a)
PCB 1221	µg/L	0.25	0.5	Final DWS (EPA, 1991a)
PCB 1232	µg/L	0.25	0.5	Final DWS (EPA, 1991a)
PCB 1242	µg/L	0.25	0.5	Final DWS (EPA, 1991a)
PCB 1248	µg/L	0.25	0.5	Final DWS (EPA, 1991a)
PCB 1254	µg/L	0.25	0.5	Final DWS (EPA, 1991a)
PCB 1260	µg/L	0.25	0.5	Final DWS (EPA, 1991a)
PCB 1262	µg/L	0.25	0.5	Final DWS (EPA, 1991a)
Pentachlorobenzene	µg/L	50	100	EPA Method 8270
Pentachlorodibenzo-p-dioxin isomers	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	µg/L	0.00275	0.0055	EPA Method 8280
Pentachlorodibenzo-p-furan isomers	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-Pentachlorodibenzo-p-furan	µg/L	0.00275	0.0055	EPA Method 8280
Pentachloroethane	µg/L	50	100	EPA Method 8270
Pentachloronitrobenzene	µg/L	50	100	EPA Method 8270
Pentachlorophenol	µg/L	0.05	1	Proposed DWS (EPA, 1991c)
pH	pH	8	10	Set by EPD/EMS
pH	pH	4	3	Set by EPD/EMS
Phenacetin	µg/L	50	100	EPA Method 8270
Phenanthrene	µg/L	50	100	EPA Method 8270
Phenol	µg/L	50	100	EPA Method 8270
Phenols	µg/L	25	50	EPA Method 420.1
p-Phenylenediamine	µg/L	50	100	EPA Method 8270
Phorate	µg/L	2.5	5	EPA Method 8080
2-Picoline	µg/L	50	100	EPA Method 8270
Plutonium-238	µCi/mL	3.51E-09	7.02E-09	Proposed DWS (EPA, 1991d)
Plutonium-239	µCi/mL	3.11E-08	6.21E-08	Proposed DWS (EPA, 1991d)
Plutonium-239/240	µCi/mL	3.11E-08	6.21E-08	Proposed DWS (EPA, 1991d)*

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

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Plutonium-240	µCi/mL	3.11E-08	6.22E-08	Proposed DWS (EPA, 1991d)
Plutonium-241		No flag	No flag	Set by EPD/EMS
Plutonium-242	µCi/mL	3.27E-08	6.54E-08	Proposed DWS (EPA, 1991d)
Potassium		No flag	No flag	Set by EPD/EMS
Potassium-40	µCi/mL	1.5E-07	3E-07	Proposed DWS (EPA, 1986c)
Pronamid	µg/L	50	100	EPA Method 8270
Propionitrile	µg/L	1,000	2,000	EPA Method 8240
Pyrene	µg/L	50	100	EPA Method 8270
Pyridine	µg/L	50	100	EPA Method 8270
Radium-226	µCi/mL	7.85E-09	1.57E-08	Proposed DWS (EPA, 1991d)
Radium-228	µCi/mL	3.93E-09	7.85E-09	Proposed DWS (EPA, 1991d)
Radon-222	µCi/mL	1.5E-07	3E-07	Proposed DWS (EPA, 1991d)
Ruthenium-103	µCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Ruthenium-106	µCi/mL	1.5E-08	3E-08	Final DWS (EPA, 1977)
Safrole	µg/L	50	100	EPA Method 8270
Selenium	µg/L	25	50	Final DWS (EPA, 1991a)
Silica		No flag	No flag	Set by EPD/EMS
Silver	µg/L	25	50	Final DWS (CFR, 1990a)
Sodium		No flag	No flag	Set by EPD/EMS
Specific conductance	µS/cm	250	500	Set by EPD/EMS
Strontium-89	µCi/mL	1E-08	2E-08	Final DWS (EPA, 1977)
Strontium-90	µCi/mL	4E-09	8E-09	Final DWS (EPA, 1977)
Styrene	µg/L	50	100	Final DWS (EPA, 1991a)
Sulfate	µg/L	200,000	400,000	Proposed DWS (EPA, 1990b)
Sulfide	µg/L	5,000	10,000	EPA Method 9030
Sulfotepp	µg/L	50	100	EPA Method 8270
Surfactants		No flag	No flag	Set by EPD/EMS
Technetium-99	µCi/mL	4.5E-07	9E-07	Final DWS (EPA, 1977)
1,2,4,5-Tetrachlorobenzene	µg/L	50	100	EPA Method 8270
Tetrachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280
Tetrachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280
1,1,1,2-Tetrachloroethane	µg/L	5	10	EPA Method 8240
1,1,2,2-Tetrachloroethane	µg/L	5	10	EPA Method 8240
Tetrachloroethylene	µg/L	2.5	5	Final DWS (EPA, 1991a)
2,3,4,6-Tetrachlorophenol	µg/L	50	100	EPA Method 8270
Tetraethyl dithiopyrophosphate	µg/L	50	100	EPA Method 8270
Thallium	µg/L	0.5	1	Proposed DWS (EPA, 1990b)
Thionazin	µg/L	50	100	EPA Method 8270
Thorium-228	µCi/mL	6.25E-08	1.25E-07	Proposed DWS (EPA, 1991d)
Thorium-230	µCi/mL	3.96E-08	7.92E-08	Proposed DWS (EPA, 1991d)
Thorium-232	µCi/mL	4.4E-08	8.8E-08	Proposed DWS (EPA, 1991d)
Thorium-234	µCi/mL	2E-07	4.01E-07	Proposed DWS (EPA, 1991d)
Tin	µg/L	10	20	EPA Method 282.2
Toluene		No flag	No flag	Set by EPD/EMS
o-Toluidine	µg/L	50	100	EPA Method 8270
Total carbon	µg/L	5,000	10,000	EPA Method 9060
Total dissolved solids		No flag	No flag	Set by EPD/EMS
Total hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total inorganic carbon	µg/L	5,000	10,000	EPA Method 9060

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Total organic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic halogens	µg/L	25	50	EPA Method 9020
Total organic nitrogen	µg/L	500	1,000	EPA Method 420
Total petroleum hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total phosphates (as P)		No flag	No flag	Set by EPD/EMS
Total phosphorus		No flag	No flag	Set by EPD/EMS
Total radium	µCi/mL	2.5E-09	5E-09	Final DWS (CFR, 1987)
Total silica	µg/L	500	1,000	EPA Method 6010
Toxaphene	µg/L	1.5	3	Final DWS (EPA, 1991a)
2,4,5-TP (Silvex)	µg/L	5	10	Final DWS (CFR, 1990a)
Tributyl phosphate	µg/L	50	100	EPA Method 8270
1,2,4-Trichlorobenzene	µg/L	4.5	9	Proposed DWS (EPA, 1990b)
1,1,1-Trichloroethane	µg/L	100	200	Final DWS (CFR, 1990a)
1,1,2-Trichloroethane	µg/L	2.5	5	Proposed DWS (EPA, 1990b)
Trichloroethylene	µg/L	2.5	5	Final DWS (CFR, 1990a)
Trichlorofluoromethane	µg/L	5	10	EPA Method 8240
2,4,5-Trichlorophenol	µg/L	50	100	EPA Method 8270
2,4,6-Trichlorophenol	µg/L	50	100	EPA Method 8270
2,4,5-Trichlorophenoxyacetic acid	µg/L	2.5	5	EPA Method 8150
1,2,3-Trichloropropane	µg/L	5	10	EPA Method 8240
O,O,O-Triethyl phosphorothioate	µg/L	50	100	EPA Method 8270
1,3,5-Trinitrobenzene	µg/L	50	100	EPA Method 8270
Tritium	µCi/mL	1E-05	2E-05	Final DWS (CFR, 1987a)
Turbidity		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed DWS (EPA, 1991d)
Uranium alpha activity	µCi/mL	1.5E-08	3E-08	Proposed DWS (EPA, 1991d)
Uranium-234	µCi/mL	6.95E-09	1.39E-08	Proposed DWS (EPA, 1991d)
Uranium-235	µCi/mL	7.25E-09	1.45E-08	Proposed DWS (EPA, 1991d)
Uranium-238	µCi/mL	7.3E-09	1.46E-08	Proposed DWS (EPA, 1991d)
Vanadium	µg/L	50	100	EPA Method 6010
Vinyl acetate	µg/L	5	10	EPA Method 8240
Xylenes	µg/L	5	10	EPA Method 8240
Zinc	µg/L	2,500	5,000	Secondary DWS (CFR, 1986a)
Zinc-65	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Zirconium-95	µCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Zirconium/Niobium-95	µCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)*

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

NOTES

4. SAMPLE SCHEDULING

Scheduling of analyses for the SRS groundwater monitoring program conducted by EPD/EMS is determined by several factors. Wells are sampled for comprehensive analyses on a regular basis. Other scheduling is based on flagging criteria, regulatory requirements, and special requests that fall within the scope of the groundwater monitoring program. This information is used to generate *The Savannah River Site's Groundwater Monitoring Program Sampling Schedule.*

The total number of analyses performed for second quarter 1991, broken down by laboratory, is shown in Table 3.

Table 3. Number of Analyses Performed During Second Quarter 1991

Laboratory	# of Analyses
General Engineering	67,218
EcoTek	820
M-Area	1,488
EPD/EMS	365

COMPREHENSIVE ANALYSES

New wells are initially scheduled for 4 quarters of comprehensive analyses, except that the herbicide/pesticide suite (see Table 4) is scheduled only during the first of the 4 quarters. Comprehensive analyses include indicator parameters, groundwater quality characteristics, and some drinking water characteristics. After the initial 4 quarters for new wells, comprehensive analyses including herbicides/pesticides are scheduled once every 2 years. Wells sampled exclusively for radionuclide analyses are not included in these biennial comprehensive analyses.

Table 4. Comprehensive Analyses Constituents

- Arsenic
- Barium
- Cadmium
- Chloride
- Chromium
- Fluoride
- Herbicides/pesticides (suite)
  - 2,4-Dichlorophenoxyacetic acid
  - Endrin
  - Lindane
  - Methoxychlor
  - Toxaphene
  - 2,4,5-TP (Silvex)
- Iron
- Lead
- Major ions (suite)
  - Alkalinity (field measurement)
  - Calcium
  - Magnesium
  - Potassium
  - Silica
- Manganese
- Mercury
- Nitrate as nitrogen
- pH
- Phenols
- Selenium
- Silver
- Sodium
- Specific conductance
- Sulfate
- Total dissolved solids
- Total organic carbon
- Total organic halogens
- Total phosphates (as P)
- Gross alpha
- Nonvolatile beta
- Total radium
- Tritium

SAMPLE SCHEDULING

SCHEDULING BASED ON FLAGGING LEVELS

Wells are grouped for scheduling by monitoring site or by the investigation for which they are sampled. If an analytical result exceeds Flag 1 or 2 for any well in a scheduling group, generally, the entire well group is scheduled at that flagging value for that analyte. Specific criteria for Flag 1 and Flag 2 designations, as well as more information about flagging-based scheduling, are found in the **Flagging Criteria** section of this report.

Flagging-Based Scheduling of Suites

When any one of the six constituents of the herbicide/pesticide suite of comprehensives is flagged, either the herbicide (2,4,5-TP and 2,4-D) or pesticide (endrin, lindane, methoxychlor and toxaphene) subsuite is flagged for analyses following the conventional flagging scheme.

Certain wells in the A/M Areas are analyzed for GC VOA by the M-Area Laboratory by special request. If any of these wells yields an analytical result equal to or exceeding Flag 2, GC VOA analysis is scheduled for verification by an off-site laboratory.

The GC VOA suite is a subset of the more extensive GCMS VOA suite. In general, the GC VOA and GCMS VOA suites follow the rule that if one compound is flagged, the whole suite is flagged. In an effort to avoid duplication of GC VOA analyses or unnecessary analyses of other GCMS VOA compounds, analyses are scheduled according to the following strategy. Following GCMS VOA analysis, if only GC VOA compounds are equal to or exceed Flag 1 or 2, only GC VOA is scheduled for analysis at the appropriate intervals. If GC VOA compounds exceed Flag 2 and other constituents of the GCMS VOA suite exceed Flag 1 only, GCMS VOA analysis is scheduled for one quarter and GC VOA analysis is scheduled for a different quarter. Thus, GC VOA compounds are analyzed twice, fulfilling the Flag 2 requirement for those constituents.

GCMS VOA analysis is scheduled once for individual wells that have had two results for total organic halogens (TOH) greater than 10 μg/L (excluding the first TOH analysis) and that have never received GCMS VOA analysis.

REGULATORY REQUIREMENTS

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

SPECIAL REQUESTS

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

PURGE WATER CONTAINMENT PROGRAM

Fifty-seven wells that had been scheduled for analyses during second quarter 1991 were not sampled as part of the groundwater monitoring program. A purge water containment program is being designed to containerize and properly dispose of the water purged before sampling. Eight of these wells, however, were sampled and analyzed as part of a special study; see the **DNAPL Study** section of this report for information. The 57 wells are:

ASB 6AA	MSB 12B	MSB 25A	MSB 48B
ARP 3	MSB 12C	MSB 26	MSB 64B
ASB 8B	MSB 14A	MSB 27A	MSB 67D
ASB 8C	MSB 15A	MSB 28A	MSB 68C
BGO 37C	MSB 15C	MSB 31C	MSB 68D
CSB 2A	MSB 15D	MSB 34A	MSB 74B
MCB 5	MSB 16A	MSB 36B	MSB 76C
MSB 3D	MSB 16C	MSB 37TA	TBG 4
MSB 9A	MSB 17B	MSB 38B	TBG 5
MSB 9B	MSB 17BB	MSB 40B	TBG 6
MSB 9C	MSB 20	MSB 42A	
MSB 10C	MSB 22	MSB 45A	
MSB 11C	MSB 23	MSB 47B	
MSB 11D	MSB 24	MSB 47C	
MSB 11F	MSB 24A	MSB 47TA	
MSB 12A	MSB 25		

5. FIELD NOTES

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

Each sampler maintained a field notebook. These field books are located in the second quarter 1991 section of the EPD/EMS Groundwater Monitoring Library. Field measurements taken may include alkalinity, pH, temperature, specific conductance, air temperature, depth to the water prior to pumping, and volume of water purged prior to sampling.

All well visitations were routine during the second quarter of 1991, except as indicated in Table 5. The samplers' observations about water samples, well conditions, and any special collection methods are noted in the table. All wells were pumped except for the wells from the following series, which were bailed: the FAC series except FAC 4; the FCA series except FCA 19D; and the SSS series. The following individual wells were also bailed, although the other wells in the series were pumped: BG 55, BG 121, BG 125, CMP 16C, CSD 1D, HTF 7, IDP 3D, IDP 4, IDQ 1, K 301P, MSB 3D, MSB 9B, MSB 9C, MSB 10C, MSB 11C, MSB 11E, MSB 11F, MSB 17C, MSB 24A, MSB 27A, MSB 31C, MSB 37D, MSB 42D, MSB 44C, MSB 45C, MSB 46C, RWM 1, RWM 6, RWM 10, RWM 12, SCA 3A, SCA 4A, SRW 1, YSC 1A, Z 9, and ZBG 1A.

Sampling events can cover up to 24 hours. For example, if a well is pumped dry before a sample is collected and the well is revisited within 24 hours, this is considered one sampling event. If the second visitation is made after 24 hours, this is considered a separate sampling event. For those wells that required a second visitation, only the volume purged before the well went dry is given in this section. The total amount of water purged from each well in one sampling event is given in the **Analytical Results** section for each sampling event.

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

Table 5. Comments From the Field Data

Well	Date	Comments
905118G	05/15/91	Very weakly turbid; brown
	05/16/91	Weakly turbid; brown
ABP Series		
ABP 8C	05/16/91	Dry after ~2.7 gal
	05/17/91	Turbidity varied; brown
ABP 8D	05/17/91	Pump ran, but no water was purged
AC Series		
AC 1B	04/22/91	No water in standpipe
	06/17/91	No water in standpipe
AMB Series		
AMB 4	04/22/91	Dry after ~3.1 gal
AMB 6	04/23/91	Weakly turbid; very light brown
AMB 7	04/22/91	Dry after ~6 gal
	04/23/91	Turbid; brown
AMB 10DD	04/19/91	Weak odor
AMB 12D	04/19/91	Very weakly turbid; light brown
AOB Series		
AOB 3	04/22/91	Dry after 7.5 gal
ARP Series		
ARP 1A	04/16/91	No water in standpipe
	06/19/91	No water in standpipe

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
ARP 2	04/16/91	Aerated
ARP 4	04/16/91	No water in standpipe
	06/19/91	No water in standpipe
ASB Series		
ASB 1A	05/03/91	No water in standpipe
	06/19/91	No water in standpipe
ASB 2C	05/03/91	No well identification sign
ASB 3A	05/03/91	Aerated
ASB 3C	05/03/91	No well identification sign
ASB 4	05/22/91	Unable to sample because gate 8 or 8A could not be opened by DOE order
	06/18/91	Unable to measure water level because gate 8 or 8A could not be opened
ASB 5A	05/03/91	Surges
ASB 6A	05/03/91	Flowmeter did not work, estimated volume purged; aerated; surges; sand
ASB 6C	05/03/91	Water sprays from flowmeter connector onto sample nipple
ASB 6TA	05/03/91	Dry after pumping 33 gal
ASB 7	05/03/91	Flowmeter did not work, estimated volume purged
ASB 10C	05/03/91	No well identification sign
BG Series		
BG 91	05/01/91	Dry after ~14 gal
BG 95	05/02/91	Weakly turbid; light brown
BG 101	05/01/91	Flowmeter did not work, estimated volume purged
BG 103	05/01/91	No access
BG 104	05/01/91	Dry after ~6.6 gal
	05/02/91	No water in standpipe
BG 109	05/02/91	Pump would not start
BG 110	05/01/91	Dry after ~30 gal
BG 121	05/01/91	Dry after ~7.9 gal
	05/02/91	Strongly turbid; brown
BG 122	05/01/91	Turbid; light brown
BGO Series		
BGO 1D	05/02/91	Dry after ~6 gal
	05/03/91	Turbid; varied from clear to light brown
BGO 2D	05/03/91	Flowmeter did not work, estimated volume purged
BGO 3D	05/02/91	No access
BGO 4D	05/02/91	No access
BGO 5C	05/02/91	No access
BGO 5D	05/02/91	No access
BGO 6D	05/06/91	Dry after ~7 gal
	05/07/91	Weakly turbid; varied from clear to very light brown; aerated
BGO 8A	05/07/91	Unable to sample due to well renovation
BGO 8C	05/10/91	Turbidity varied; brown
BGO 8D	05/10/91	Turbid; light brown; surges
BGO 10C	05/06/91	Dry after ~37.5 gal
BGO 12A	05/06/91	Dry after ~27 gal
BGO 12C	05/07/91	Unable to sample due to well renovation
BGO 12D	05/06/91	Dry after ~6.8 gal
BGO 13D	05/09/91	Dry after ~6,500 mL
	05/10/91	Aerated
BGO 14A	05/09/91	Dry after ~18.2 gal
BGO 14D	05/09/91	Dry after ~4,500 mL
	05/10/91	No water in standpipe; weakly turbid; light brown; aerated
BGO 16A	05/31/91	Dry after ~20 gal
BGO 16D	05/13/91	Pump would not start
BGO 17D	05/13/91	Construction road covers well
BGO 19D	05/13/91	Down in a hole submerged in water due to construction activities
BGO 20D	05/31/91	Dry after ~9 gal; weakly turbid
BGO 21D	05/31/91	Dry after ~7.3 gal
BGP 24D	05/13/91	Pump would not start
BGO 25A	05/06/91	Dry after ~18.8 gal
BGO 26A	05/07/91	Dry after ~43 gal
BGO 26D	05/07/91	Dry after ~7.5 gal
	05/08/91	Slighly aerated
BGO 27D	05/07/91	Dry after ~10.7 gal
	05/08/91	Turbid; varied from clear to light brown
BGO 28D	05/07/91	Dry after ~7.2 gal
	05/08/91	Brown; turbid
BGO 29A	05/07/91	Dry after ~42 gal
BGO 30C	05/07/91	Dry after ~21.6 gal
	05/08/91	Turbidity varied; brown
BGO 30D	05/07/91	Dry after ~10 gal
	05/08/91	Turbidity varied; brown; aerated
BGO 31C	05/07/91	Dry after ~28.6 gal
	05/08/91	Turbid; varied from clear to light brown
BGO 31D	05/07/91	Dry after ~7.4 gal
	05/08/91	Turbid; varied from clear to light brown

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
BGO 32D	05/07/91	Dry after ~5.8 gal
	05/08/91	Turbidity varied; brown
BGO 33D	05/08/91	Dry after 9.3 gal
	05/09/91	Turbidity varied; brown
BGO 34D	05/08/91	Dry after 12.1 gal
BGO 35D	05/08/91	Dry after ~8.7 gal
	05/09/91	Turbidity varied; brown
BGO 36D	05/08/91	Dry after ~7.5 gal
	05/09/91	Turbidity varied; brown; aerated
BGO 37D	05/08/91	Dry after ~5 gal
	05/09/91	Turbid; varied from clear to light brown
BGO 38D	05/08/91	Dry after ~7 gal
	05/09/91	Turbidity varied; light brown; aerated
BGO 39D	05/08/91	Dry after ~5 gal
	05/09/91	Turbid; light brown
BGX Series		
BGX 1A	06/10/91	No well identification sign; well installation incomplete; unable to sample
BGX 1C	06/10/91	No well identification sign; well installation incomplete; unable to sample
BGX 1D	06/10/91	No well identification sign; well installation incomplete; unable to sample
BGX 2B	06/10/91	Dry after ~47.7 gal; no well identification sign
	06/11/91	Moderately turbid; light brown; aerated
BGX 2D	06/10/91	Dry after ~19.2 gal; no well identification sign
BGX 3D	06/10/91	No well identification sign; well installation incomplete; unable to sample
BGX 4A	06/10/91	No well identification sign
BGX 4C	06/10/91	No well identification sign
BGX 4D	06/10/91	No well identification sign
BGX 5D	06/10/91	No well identification sign
BGX 6D	06/10/91	No well identification sign; well installation incomplete; unable to sample
BGX 7D	06/10/91	No well identification sign; well installation incomplete; unable to sample
BGX 9D	06/10/91	No well identification sign
BGX 10D	06/10/91	Dry after ~7 gal; no well identification sign
	06/11/91	Weakly turbid; light brown; aerated
BGX 12C	06/10/91	No well identification sign
BGX 12D	06/10/91	Dry after ~7 gal; no well identification sign
	06/11/91	Turbidity varied; very light brown
BRD Series		
BRD 5D	05/24/91	Weakly turbid; light brown
BRR Series		
BRR 1D	05/01/91	Dry after 6 gal
	05/02/91	Weakly turbid; light brown
BRR 2D	05/01/91	Dry after 9.5 gal
	05/02/91	Very weakly turbid; light brown
BRR 3D	05/01/91	Dry after 7.8 gal
	05/02/91	Very weakly turbid; light brown
BRR 4D	05/01/91	Dry after 7.5 gal
	05/02/91	Weakly turbid; light brown; aerated
BRR 5D	05/01/91	Dry after 5 gal
	05/02/91	Aerated
CCB Series		
CCB 2	04/14/91	Strongly turbid; red; sand
CCB 3	04/14/91	Surges; flowmeter not working, estimated volume purged
CDB Series		
CDB 1	05/06/91	Dry after 10.5 gal; weakly turbid; light tan
CDB 2	05/06/91	Dry after 7.5 gal
CDR Series		
CDR 1A	04/26/91	Well had no access for water-level measurement; metals sample was unfiltered; sample collected from outside spigot; ran water for 5 minutes before collecting sample
CMP Series		
CMP 11	04/29/91	Dry after 13.5 gal
CMP 12	04/29/91	Dry after 19 gal

FIELD NOTES

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
CMP 13	04/29/91	Dry after 6 gal
	04/30/91	Weakly turbid; light tan
CMP 15B	04/29/91	Dry after 23 gal
CMP 15C	04/29/91	Dry after 29 gal
CMP 16B	04/30/91	Sampling tee and sample port leak badly
CMP 16C	04/29/91	Dry well; no water in standpipe; unable to start pump
CRP Series		
CRP 2	04/14/91	Leak at sampling tee runs down sample nipple; leaks at flowmeter connector
CSA Series		
CSA 4	04/15/91	Surges
CSB Series		
CSB 1A	05/01/91	Dry after 2 gal
CSB 3A	05/01/91	Dry after 8 gal
	05/02/91	Weakly turbid; light pinkish-brown
CSB 4A	05/02/91	Leaks at well seal coupling when throttled; moderately turbid; surges; sand; aerated; pinkish-brown
CSB 5A	05/01/91	Dry after 5 gal
CSD Series		
CSD 1D	05/02/91	Dry after 12 gal
CSD 2D	05/01/91	No water in standpipe; pump starts; dry well
CSD 8D	05/02/91	No well identification sign
CSD 9D	05/02/91	No well identification sign
CSD 10D	05/02/91	No well identification sign
CSD 11D	05/01/91	Dry after 12 gal; no well identification sign
CSD 12D	05/02/91	No well identification sign
CSD 13D	05/02/91	No well identification sign; surges
CSO Series		
CSO 1	04/15/91	Small amount of fine sand
CSR Series		
CSR 2	04/15/91	Dry after 30 gal; turbidity varied; brown
CSR 3	04/15/91	Surges
DCB Series		
DCB 1A	04/25/91	Brown
DCB 6	04/25/91	No well identification sign
DCB 7	04/25/91	No well identification sign; sample nipple broken off at sample valve; surges
DCB 8	04/25/91	No well identification sign
DCB 9	04/25/91	No well identification sign; surges
DCB 11	04/25/91	Dry after 19 gal; no well identification sign
DCB 12	04/25/91	No well identification sign
DCB 13	04/25/91	Dry after 15 gal
DCB 14	04/25/91	Abandoned
FAC Series		
FAC 3	05/29/91	Dry after ~2.4 gal
	05/30/91	Turbidity varied; brown
FAC 5	05/29/91	Dry after ~13.8 gal
	05/30/91	Weakly turbid
FAC 6	04/04/91	Dry after 5 gal
	05/29/91	Dry after ~3.9 gal
FAC 7	05/29/91	Dry after ~7.6 gal
FAC 8	05/29/91	Dry after ~29 gal
FAL Series		
FAL 1	05/14/91	Dry after ~6.6 gal
FAL 2	05/14/91	Dry after ~2 gal
	05/15/91	Turbidity varied; brown
FCA Series		
FCA 2C	05/14/91	Dry after ~1.3 gal
	05/15/91	Turbidity varied; brown
FCA 2D	05/14/91	Dry after ~3.5 gal
	05/15/91	Turbidity varied; brown
FCA 9C	05/14/91	Trash in well prevented access
FCA 9D	05/14/91	Dry after ~0.9 gal
	05/15/91	Turbidity varied; brown
FCA 10A	06/05/91	Dry after 1.3 gal; no well identification sign
	06/06/91	Turbidity varied; brown
FCA 16A	06/05/91	Dry after ~7.5 gal; turbidity varied; brown

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
FCA 16B	06/05/91	Dry after ~1.6 gal
	06/06/91	Turbidity varied; light brown to dark brown; odor
FCA 16D	05/14/91	Dry after ~0.9 gal; no well identification sign
	05/15/91	Turbidity varied; brown
FCA 19D	05/14/91	Dry after ~3.6 gal; no well identification sign
FCB Series		
FCB 4	05/14/91	Dry after ~11.5 gal
	05/15/91	Turbid; brown
FCB 5	05/29/91	Dry after ~2 gal
FCB 6	05/29/91	Dry after ~0.5 gal
FET Series		
FET 1D	04/30/91	Dry after ~7 gal
FNB Series		
FNB 2	05/05/91	Weakly turbid; light brown
FSB Series		
FSB 76	04/01/91	Turbid; light brown to light yellow
FSB 77	04/01/91	Turbid; light tan
FSB 78C	04/02/91	Dry after 23 gal
	04/05/91	Dry after 23 gal
FSB 87C	04/03/91	Bad spraying leak at flow-meter/hose connection
FSB 87D	04/03/91	Dry well
FSB 88D	04/03/91	Dry after 9.5 gal
FSB 90D	04/03/91	Dry after 5.5 gal
FSB 91C	04/03/91	Dry after 20 gal
FSB 93D	04/04/91	Pump would not start
	04/15/91	Dry after 6 gal
FSB 94C	04/04/91	Dry after 34 gal
FSB 97C	04/08/91	Dry after 22 gal
FSB 97D	04/08/91	Dry after 3.2 gal
	04/09/91	No water in standpipe
FSB 98D	04/08/91	Dry after 11 gal
FSB106D	04/08/91	Dry after 1.5 gal
	04/09/91	Turbid; light reddish-orange
FSB107C	04/09/91	Surges
FSB107D	04/09/91	Surges
FSB108D	04/08/91	Dry after 7 gal
FSB109D	04/08/91	Dry after 7 gal
	04/09/91	Turbid; light brown
FSB110C	04/10/91	Surges
FSB110D	04/10/91	Surges
FSB112C	04/11/91	Surges; aerated
FSB112D	04/11/91	Surges
FSB113C	04/10/91	Dry after 22 gal
FSB113D	04/11/91	Turbid; light brown
FSB114A	04/11/91	Turbid; surges
FSB114C	04/11/91	Surges
FSB115C	04/11/91	Dry after 11.5 gal
FSB115D	04/12/91	Turbid to muddy; light to medium reddish-brown
FSB116D	04/12/91	Dry after ~2 gal; turbid to muddy; medium reddish-brown
FSB119D	04/15/91	Turbid; light orange; surges
FSB120D	04/11/91	Dry after 7.5 gal
FSB122C	04/15/91	Turbid to muddy; light to medium reddish-brown
FSS Series		
FSS 1D	05/02/91	Dry after 11 gal
	05/03/91	Moderately turbid; brown; aerated
FSS 2D	05/02/91	Dry after 12 gal
	05/03/91	Moderately turbid; brown; aerated
FSS 3D	05/02/91	Dry after 10 gal
	05/03/91	Weakly turbid; brown
FSS 4D	05/02/91	Dry after 9 gal
	05/03/91	Turbidity varied; brown
GBW Series		
GBW 1	04/27/91	Dry after 11.5 gal; moderately turbid; brown
HAC Series		
HAC 2	04/04/91	Dry after 4.5 gal; weakly turbid; light brown
HAC 3	05/28/91	Dry after ~7.8 gal
HCA Series		
HCA 1	05/28/91	Dry after ~14 gal
HCA 2	05/28/91	Turbidity varied; light brown
HCA 3	05/28/91	Dry after ~11.2 gal
HCA 4	05/28/91	Dry after ~18.4 gal

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
HCB Series		
HCB 1	05/02/91	Well pad surrounded by standing water, the result of an earthen ramp put in for basin borings that blocks drainage
HCB 2	05/02/91	Standing water on 2 sides of well pad
HCB 4	05/02/91	Weakly turbid; brown
HET Series		
HET 1D	04/30/91	Dry after ~16 gal
HET 2D	04/30/91	Dry after ~10 gal
HET 3D	04/30/91	Dry after ~12.1 gal
HET 4D	04/30/91	Dry after 14.3 gal
	05/01/91	Turbid; light brown
HMD Series		
HMD 1D	05/01/91	Dry after ~3 gal; no well identification sign
	05/02/91	Turbid; light brown
HMD 2D	05/02/91	No well identification sign; turbid; very light brown
HMD 3D	05/02/91	No well identification sign; turbid; very light brown; surges
HMD 4D	05/01/91	Dry after ~6.6 gal; no well identification sign
	05/02/91	Turbid; varied from light brown to medium orange; aerated
HR3 Series		
HR3 11	04/30/91	Very weakly turbid; very light brown
HR8 Series		
HR8 11	04/30/91	After 93 gal, flowmeter stopped working, estimated volume purged
HR8 12	04/30/91	Weakly turbid; very light brown; surges
HR8 13	04/30/91	Very weakly turbid; very light brown
HR8 14	05/01/91	Unable to sample; entry not allowed

Well	Date	Comments
HSB Series		
HSB 1TB	04/17/91	Pump did not work; no standpipe
	04/30/91	Unable to measure water level; no standpipe; no well identification sign; no flowmeter, estimated volume purged
HSB 68	04/08/91	Weakly turbid; light brown
HSB 68B	04/08/91	Dry after ~48 gal
	04/09/91	Very weakly turbid; very light brown
HSB 68C	04/08/91	Dry after ~18 gal
	04/09/91	Aerated
HSB 70	04/08/91	Surges; sprays and leaks; used tape to keep sampler from getting wet
HSB 70C	04/08/91	Dry after ~27 gal
HSB 71C	04/10/91	Dry after ~22 gal
HSB 84B	04/09/91	Flowmeter not working properly, estimated volume purged
HSB 84C	04/08/91	Dry after ~14.5 gal
HSB 85B	04/16/91	Dry after ~46 gal
	04/10/91	Slightly aerated
HSB102D	04/02/91	Dry after ~6 gal; turbid; brown; leaks/sprays; used tape to prevent sampler from getting wet
HSB103D	04/01/91	Flowmeter did not work properly, estimated volume purged; weakly turbid; light brown
HSB110D	04/04/91	Very weakly turbid; very light brown; surges
HSB111E	04/04/91	Pump not working
	04/15/91	Weakly turbid; light brown
HSB112D	04/08/91	Surges
HSB112E	04/08/91	Dry after ~2.8 gal
	04/09/91	Weakly turbid; light brown
HSB113D	04/04/91	Surges
HSB115D	04/02/91	Dry after ~4.1 gal
	04/03/91	Weakly turbid; light brown
HSB117D	04/10/91	Turbid; light gray; surges
	04/25/91	Very light gray
HSB124A	04/15/91	Dry after ~43 gal
	04/16/91	Aerated
HSB125C	04/11/91	Surges
HSB125D	04/11/91	Surges
HSB126C	04/09/91	Access washed out
HSB126D	04/09/91	Access washed out
HSB129C	04/11/91	No access

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
HSB129D	04/11/91	No access
	04/15/91	Surges
HSB132C	04/15/91	No access
HSB132D	04/15/91	No access
	05/20/91	Flowmeter not working properly, estimated volume purged
HSB133D	04/16/91	Weakly turbid; light brown
HSB135C	04/09/91	Moderately turbid; light brown
HSB137D	04/08/91	Surges
HSB139C	04/08/91	Dry after ~28 gal
HSB141C	04/16/91	Dry after ~40 gal
	04/17/91	Strongly turbid; varied from clear to medium brown
HSB141D	04/16/91	Dry after ~17 gal
	04/17/91	Turbid; very light brown
HSB142D	04/10/91	Dry after ~3 gal; very weakly turbid; brown
HSB143D	04/12/91	Very weakly turbid; very light brown
HSB146C	04/16/91	Dry after ~54 gal
	04/17/91	Varied from light brown, weakly turbid to medium brown, moderately turbid
HSB146D	04/16/91	Dry after ~16 gal
	04/17/91	Turbid; light brown
HSB147D	04/16/91	Dry after ~10 gal
	04/17/91	Aerated
HSB148C	04/15/91	Dry after ~21 gal
HSB148D	04/15/91	Dry after ~6.9 gal
HSB149D	04/15/91	Turbid; light brown; surges
HSB151D	04/10/91	Turbid; varied from clear to light brown; surges
HSB152D	04/10/91	Dry after ~4.3 gal; no water in standpipe; turbid; brown; aerated
HSS Series		
HSS 1D	05/02/91	Dry after 24 gal
HSS 3D	05/02/91	Weakly turbid; brown
HTF Series		
HTF 5	4/25/91	Unable to sample, pump not operating
HTF 6	4/25/91	Unable to sample, pump not operating
HTF 8	04/24/91	Unable to sample, pump not operating
HTF 34	04/24/91	Unable to sample, pump not operating
HWS Series		
HWS 1A	04/15/91	Nipple connected to gate valve cracked, sprays
HWS 2	04/15/91	Surges
HXB Series		
HXB 4D	05/05/91	Dry after 7.5 gal; no well identification sign
	05/06/91	Weakly turbid; light brown
HXB 5D	05/05/91	Dry after 9 gal; no well identification sign
	05/06/91	Weakly turbid; light brown
IDB Series		
IDB 1A	05/20/91	Dry after ~20 gal
IDB 1B	05/20/91	Dry after ~7 gal
	05/21/91	Weakly turbid; very light brown
IDB 3	05/21/91	Dry after ~3.8 gal
IDB 5	05/20/91	Dry after ~5 gal
	05/21/91	Turbidity varied; light brown
IDP Series		
IDP 3A	05/07/91	Odor
IDP 3C	05/07/91	Dry after 12.4 gal
IDP 4	05/11/91	Dry after 4.4 gal
IDP 7	05/11/91	Surges
IDQ Series		
IDQ 2	05/15/91	Dry after ~16.2 gal
	05/16/91	Turbidity varied; brown
IDQ 3C	05/15/91	Dry after ~10.4 gal
IDQ 5	05/15/91	Dry after ~4 gal
IDQ 6	05/15/91	Dry after ~4.5 gal
	05/16/91	Weakly turbid; very light brown
IDQ 7	05/15/91	Dry after ~3.9 gal
IDQ 8	05/15/91	No water in standpipe
IDQ 10	05/15/91	Dry after ~6.5 gal; weakly turbid; light brown
IDQ 11	05/16/91	No well identification sign
KAB Series		
KAB 1	04/13/91	Dry after 14 gal
KAB 2	04/13/91	Surges
KAB 3	04/13/91	Surges

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
KAC Series		
KAC 1	04/04/91	Small amount of sand
KAC 4	04/26/91	Sample port valve leaks badly
KAC 6	04/25/91	Dry after 9.5 gal
	04/26/91	No sample nipple cut-off valve; turbid; light tan
KAC 7	04/25/91	Dry after 7.5 gal
KCB Series		
KCB 1	04/13/91	Weakly turbid; light brown; sand
KCB 2	04/13/91	Weakly turbid; light brown; small amount of sand
KCB 4	04/13/91	Large pile of dirt on top of well location
KDB Series		
KDB 1	05/14/91	Unable to sample due to construction activities
KDB 2	05/14/91	No well identification sign; leaks and sprays from sampling tee
KDB 3	05/14/91	Dry after pumping 19 gal; weakly turbid; light brown; leaks and sprays
KDT Series		
KDT 1D	05/14/91	Dry after 11 gal
KRP Series		
KRP 1	04/13/91	Surges
KRP 3	04/13/91	Surges
KRP 4	04/13/91	Leaks at sampling tee
KSB Series		
K 301P	04/21/91	Strongly turbid; reddish-brown
	06/03/91	Weakly turbid; light brown; small amount of sand
KSB 1	06/03/91	Sample valve leaks
KSB 4A	06/03/91	Moderately turbid; light brown
KSS Series		
KSS 2D	05/24/91	Flowmeter did not work, estimated volume purged; turbid; light brown
LAC Series		
LAC 2	04/13/91	Flowmeter did not work, estimated volume purged; sand
LAC 3	04/13/91	Very weakly turbid; brown; sand; surges
LCO Series		
LCO 1	05/01/91	Discharge hose leaks badly
LCO 4	05/01/91	Weakly turbid; light tan
LDB Series		
LDB 1	05/14/91	Dry after 20 gal; leaks and sprays badly; used plastic tape to prevent sampler from getting wet
LDB 2	05/14/91	Dry after 20 gal; leaks and sprays badly; used plastic tape to prevent sampler from getting wet
LFW Series		
LFW 6	04/23/91	Odor; light brown
LFW 7	04/26/91	Weak odor; light brown
LFW 8	04/26/91	Very weak odor; very light brown
LFW 10A	04/25/91	Turbid; brown; weak odor
LFW 16	04/25/91	Turbid; light brown
LFW 17	04/25/91	Odor
LFW 20	04/29/91	Flowmeter on backwards
LFW 21	04/26/91	Weak odor
LFW 22	04/26/91	Very weakly turbid; very light brown; odor
LFW 23	04/26/91	Weak odor
LFW 28	04/29/91	Dry after ~13.5 gal
LFW 29	04/29/91	Flowmeter did not work, estimated volume purged
LFW 36	04/29/91	Turbid; light brown; odor

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
LRP Series		
LRP 2	04/13/91	Gate valve cracked, sprays when throttled
LSB Series		
LSB 1	05/01/91	Sample port valve is broken
MCB Series		
MCB 2	05/22/91	Dry after ~9.1 gal
MCB 4	05/22/91	Dry after ~3 gal
MCB 5C	05/22/91	Dry after ~7.3 gal
MCB 6	05/22/91	Dry after ~2.5 gal
	05/23/91	Turbidity varied; light brown
MCB 6C	05/22/91	Very weakly turbid; very light brown
MCB 7C	05/22/91	Dry after ~10.5 gal
	05/23/91	Turbidity varied; brown
MGG Series		
MGG 28	05/09/91	Puller bent; well damaged
MSB Series		
MSB 1C	04/02/91	Dry after 26 gal
MSB 1CC	04/02/91	Dry after 10 gal
MSB 2B	04/02/91	Dry after 30 gal
	04/03/91	Very weakly turbid; light brown
MSB 2C	04/02/91	Dry after 6 gal
MSB 2D	04/02/91	Surges
MSB 3C	04/02/91	Dry after 9 gal
MSB 3D	04/05/91	Turbid; brown
MSB 4C	04/02/91	Dry after 20 gal
MSB 4D	04/02/91	Surges
MSB 5A	04/01/91	No water in standpipe; flowmeter not working properly, estimated volume purged; surges
	06/17/91	No water in standpipe
MSB 5C	04/01/91	Dry after 14 gal
MSB 6B	04/01/91	Very weakly turbid; light brown
MSB 6C	04/01/91	Dry after 12 gal
MSB 7A	04/02/91	Turbid; gray-brown; surges
MSB 7B	04/02/91	Dry after 32 gal
MSB 7C	04/02/91	Dry after 6.6 gal
MSB 8A	03/18/91	No water in standpipe
	06/17/91	No water in standpipe
MSB 8C	04/02/91	Surges
MSB 9B	05/07/91	No DNAPL; Lowered bailer twice to bottom of well; oil-like substance on sample surface; weakly turbid; light gray-brown, small amount of sand
MSB 9C	05/08/91	No DNAPL; lowered bailer to bottom of well twice; weakly turbid; red-brown
MSB 10B	04/09/91	Surges
MSB 10C	05/09/91	No DNAPL; lowered bailer to bottom of well twice
MSB 11C	05/08/91	No DNAPL; lowered bailer to bottom of well twice
MSB 11F	05/08/91	No DNAPL; lowered bailer to bottom of well twice
MSB 12D	04/30/91	Sample valve, nipple and cap are missing
	06/17/91	No water in standpipe
MSB 13B	04/10/91	Dry after ~0.5 gal; aerated
MSB 13CC	04/10/91	Dry after 10 gal
MSB 13D	04/10/91	Dry after 7 gal
	04/11/91	Weakly turbid; brown
MSB 14B	04/09/91	Surges
MSB 14C	06/17/91	No water in standpipe
MSB 18B	04/07/91	Brown
MSB 18C	04/07/91	Dry after 4.5 gal
MSB 20C	04/09/91	Dry after 2.8 gal
	04/10/91	No water in standpipe; gate valve broken
	06/17/91	No water in standpipe
MSB 21C	04/07/91	Moderately turbid; brown; sand
MSB 22	06/17/91	No water in standpipe
MSB 23	06/19/91	No water in standpipe
MSB 23TA	05/16/91	Weakly turbid; brown
MSB 24A	05/09/91	No DNAPL; lowered bailer to bottom of well twice; moderately turbid; brown
MSB 25	06/19/91	No water in standpipe
MSB 26	06/17/91	No water in standpipe
MSB 27A	05/09/91	No DNAPL; lowered bailer to bottom of well three times; weakly turbid; brown
MSB 27	04/26/91	Small amount of fine sand
MSB 27B	04/26/91	Flowmeter did not work properly, estimated volume purged
MSB 28	04/16/91	Surges
MSB 29C	04/22/91	Very bad leak from broken 1" elbow at top of well seal
MSB 30AA	04/07/91	Dry after 65 gal

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
MSB 31C	05/09/91	No DNAPL; lowered bailer to bottom of well twice; moderately turbid; brown; ~1" of watery mud in bottom of bailer; oil-like sheen
MSB 34C	04/18/91	No water in standpipe
	06/18/91	No water in standpipe
MSB 35D	06/18/91	No water in standpipe
MSB 36A	04/19/91	Surges
MSB 36D	04/18/91	Dry after 3.5 gal
	04/19/91	Turbid; light red to light brown
	06/18/91	No water in standpipe
MSB 37A	04/24/91	Dry after ~75 gal
	04/25/91	Flowmeter broken
MSB 37D	04/24/91	No pump, no plumbing
	06/18/91	No water in standpipe
MSB 38D	06/18/91	No water in standpipe
MSB 39A	04/06/91	Dry after 61 gal
MSB 40C	04/19/91	No water in standpipe
	06/18/91	No water in standpipe
MSB 40D	04/22/91	Dry after ~1 gal
	04/23/91	No water in standpipe; weakly turbid; light brown
	06/18/91	No water in standpipe
MSB 41C	04/06/91	10 gal column did not advance, estimated volume purged
MSB 41D	06/18/91	No water in standpipe
MSB 43A	04/23/91	Well casing lid is broken off, can't be locked
MSB 43D	04/23/91	1" gate valve leaks and sprays into sample
MSB 44A	04/23/91	Leaks; used tape to keep from getting wet
MSB 46A	04/16/91	Dry after 45 gal
MSB 46B	04/16/91	No water in standpipe; gate valve cracked and sprays; leaks at sampling tee
	06/18/91	No water in standpipe
MSB 48C	04/19/91	No well identification sign
MSB 48D	04/19/91	Pump won't start
	06/11/91	Dry after ~1.5 gal
	06/12/91	Turbid; varied from light brown to dark brown; aerated
	06/19/91	No water in standpipe
MSB 49D	04/17/91	Dry after 6 gal
MSB 51D	04/23/91	Dry after 10 gal
MSB 52D	04/24/91	Dry after 2.5 gal
MSB 52B	04/24/91	Flowmeter broken, estimated volume purged
MSB 55D	04/17/91	No water in standpipe
	06/13/91	No water in standpipe
MSB 55HC	04/16/91	Dry after 8 gal
MSB 56D	04/23/91	All stainless steel fittings leak, not taped
MSB 57D	04/03/91	Dry after 12 gal
	04/04/91	Very weakly turbid; light brown
MSB 58D	04/03/91	Dry after 6.3 gal
MSB 59D	04/17/91	Weakly turbid; light brown
MSB 61D	04/08/91	Dry after 5 gal
	04/09/91	Very weakly turbid; light brown
MSB 62D	04/17/91	Dry after 4 gal
MSB 63B	04/18/91	Hose clamp needed on discharge hose, hose does not stay on when pumping
MSB 63C	04/18/91	Gate valve cracked, sprays
MSB 63D	04/17/91	Dry after 6 gal
	04/18/91	Weakly turbid; brown
MSB 65D	04/06/91	Surges
MSB 66D	04/24/91	Hand pump in well was inoperable
MSB 70C	04/10/91	Flowmeter did not work, estimated volume purged
MSB 70D	04/10/91	Dry after 2 gal
	04/11/91	Weakly turbid; light brown
MSB 71B	04/17/91	Dry after 40 gal
MSB 74C	04/24/91	Dry after 14 gal
MSB 74D	04/24/91	Dry after 14 gal
MSB 75B	04/22/91	Weakly turbid; light brown
MSB 75C	04/22/91	Dry after ~2.3 gal
MSB 77D	04/08/91	Dry after 6 gal
	04/09/91	Very weakly turbid; light brown
MSB 77TA	04/08/91	Dry after 52 gal
	04/09/91	Very weakly turbid; light brown
MSB 78D	04/19/91	Strongly turbid; brown; surges
MSB 79B	04/18/91	Dry after 32.5 gal
MSB 79C	04/18/91	Dry after 4 gal
	04/19/91	Turbid; brown
MSB 81B	04/08/91	Very weakly turbid; light brown
MSB 82A	04/18/91	Dry after 28.5 gal
MSB 82D	04/18/91	Surges
MSB 83D	04/17/91	Dry after 6 gal; weakly turbid; light tan
MSB 85B	04/18/91	Turbid; light tan
MSB 85D	04/18/91	Surges
MSB 85TA	04/18/91	Dry after 35.7 gal
	04/19/91	Very turbid; pale green to light brownish green; strong hydrogen sulfide odor with oil film

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
MSB 86C	04/17/91	Turbid; light brown
NBG Series		
NBG 1	05/14/91	Dry after ~9 gal
	05/15/91	Weakly turbid; light brown
NBG 2	05/14/91	Dry after ~13.3 gal
	05/15/91	Weakly turbid; light brown
NBG 3	05/14/91	Dry after ~7.7 gal
NBG 4	05/14/91	Dry after ~9 gal
NBG 5	05/14/91	Dry after ~14.7 gal
P Series		
P 26B	06/04/91	Turbid; varied from clear to light brown
P 28TC	06/05/91	Dry after ~68 gal
PAC Series		
PAC 1	04/29/91	Weakly turbid; light brown
PAC 2	04/29/91	Turbidity varied from weakly turbid to clear; brown
PAC 3	04/29/91	Moderately turbid; brown
PAC 5	04/29/91	Dry after 20 gal
PAC 6	04/29/91	Odor
PCB Series		
PCB 3A	04/29/91	Surges
PCB 4A	04/29/91	Weakly turbid; light brown
PDB Series		
PDB 2	05/14/91	Leaks at sampling tee; surges
PDB 3	05/14/91	Flowmeter not working, estimated volume purged
PRP Series		
PRP 2	05/01/91	Slight rust-brown color; 0.5" standpipe cap missing
PRP 4	05/01/91	0.5" standpipe cap missing
PSB Series		
PSB 1A	05/01/91	Flowmeter did not work, estimated volume purged
PSB 2A	05/01/91	Surges; leaks
PSB 3A	05/01/91	Leaks from sampling tee; surges; aerated
PSB 4A	05/01/91	Leaks at sampling tee
PSB 5A	05/01/91	Dry after 16.5 gal; leaks at sampling tee and gate valve
PSB 6A	05/01/91	Leaks from sampling tee and gate valve
PSB 7A	05/01/91	Leaks at sampling tee and flowmeter
PSS Series		
PSS 3D	05/12/91	Dry after 17 gal; weakly turbid; light brown
RAC Series		
RAC 1	06/11/91	Milky white
RDB Series		
RDB 1D	06/14/91	Surges
RDB 2D	06/14/91	Surges
RDB 3D	06/14/91	Surges
RSE Series		
RSE 12	06/18/91	Well bucket stuck in well, unable to sample
RSE 24	06/13/91	No well identification sign; surges
RSE 25	06/13/91	No well identification sign; surges
RWM Series		
RWM 1	05/06/91	Aerated
	05/08/91	No DNAPL; lowered bailer to bottom of well twice
	05/12/91	Aerated
	06/12/91	Aerated
RWM 2	04/12/91	Aerated
	06/12/91	Aerated
RWM 6	05/09/91	No DNAPL; lowered bailer to bottom of well twice
RWM 10	05/08/91	No DNAPL; lowered bailer to bottom of well twice
RWM 12	05/23/91	Moderately turbid; rust-brown
SCA Series		
SCA 3	05/20/91	Dry after ~12 gal; turbid; varied from clear to brown
SCA 3A	05/20/91	Dry after ~3.5 gal; turbid; varied from clear to brown
SCA 4	05/20/91	Dry after ~9 gal; turbid; light brown

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
SCA 4A	05/20/91	Dry after ~3 gal; turbid; varied from clear to brown
SCA 6	05/20/91	Dry after ~14 gal; turbid; brown
SLP Series		
SLP 1	05/20/91	Dry after ~5.7 gal; weakly turbid; light brown
SRW Series		
SRW 1	04/20/91	No water in standpipe; pump did not work
SRW 2	04/20/91	Leaks at sampling tee and flowmeter connector; surges
SRW 5	04/20/91	Surges; small amount of fine sand
SRW 6	04/20/91	Moderately turbid; light brown; small amount of very fine sand
SRW 7	04/20/91	Dry after 1.4 gal; weakly turbid; brown; aerated; sand
SRW 8	04/20/91	Small amount of fine sand
SRW 10	04/20/91	No water in standpipe; surges; small amount of fine sand
	06/17/91	No water in standpipe
SRW 11	04/20/91	Small amount of fine sand; surges
SRW 13A	04/20/91	Leaks and sprays at point discharge hose connects to flowmeter
SRW 13C	04/20/91	Leaks and sprays at point discharge hose connects to flowmeter
SRW 14C	04/20/91	No water in standpipe
	06/17/91	No water in standpipe
SRW 16A	04/20/91	Dry after 22 gal
SSS Series		
SSS 1	05/17/91	Strongly turbid; brown
SSS 2	05/17/91	No well identification sign; strongly turbid; light brown
SSS 3	05/17/91	No well identification sign; strongly turbid; light brown
SSS 4	05/20/91	Strongly turbid; orange; sand
SSS 5	05/11/91	Moderately turbid; brown
SSS 6	05/20/91	Strongly turbid; orange; sand
SSS 7	05/04/91	No access
SSS 8	05/04/91	No access
SSS 9	05/04/91	No access
SSS 10	05/05/91	Strongly turbid; brown; sand
SSS 12	05/05/91	No vehicle and equipment access, road needed
SSS 17	05/12/91	No well identification sign; moderately turbid; dark red
SSS 19	05/20/91	Dry after 5.4 L
SSS 20	05/20/91	Strongly turbid; orange; sand
SSS 21	05/20/91	Dry after 2.2 L
	05/21/91	Weakly turbid; brown
SSS 22	05/05/91	Moderately turbid; light brown
SSS 23	05/05/91	Strongly turbid; orange
SSS 24	05/05/91	Dry after .6 gal; strongly turbid; orange; sand
SSS 25	05/12/91	No well identification sign; moderately turbid; light brown
SSS 26	05/12/91	No well identification sign; strongly turbid; pink
SSS 27	05/12/91	No well identification sign; moderately turbid; brown
TBG Series		
TBG 3	06/03/91	Dry after ~9 gal; aerated
TNX Series		
TNX 1D	05/03/91	Surges
TNX 3D	05/06/91	Dry after 8 gal
TNX 4D	05/06/91	Dry after 9 gal
	05/07/91	Turbid to muddy; light reddish-brown
TNX 5D	05/06/91	Dry after 7.8 gal
TNX 6D	05/06/91	Dry after 9 gal
TNX 7D	05/06/91	Surges
TNX 11D	05/03/91	Turbid; light red to reddish-brown
XSB Series		
XSB 2D	06/03/91	Dry after 8 gal
YSB Series		
YSB 1A	06/03/91	Weakly turbid; light brown
YSB 3A	06/03/91	Flowmeter not working, estimated volume purged; weakly turbid; very light brown

Table 5. Comments From the Field Data (cont.)

Well	Date	Comments
YSC Series		
YSC 1A	06/05/91	No well identification sign; unable to sample due to well's being hit by lightning
YSC 1C	06/05/91	Dry after ~9 gal
YSC 1D	06/05/91	No well identification sign
YSC 2D	06/05/91	No well identification sign; unable to sample due to tree falling on and breaking above-ground pumping
YSC 4A	06/04/91	No well identification sign
YSC 4C	06/04/91	No well identification sign
Z Series		
Z 11	06/14/91	Surface water covering well
Z 15	06/14/91	Puller hung in well
ZBG Series		
ZBG 1	06/05/91	Slightly aerated
ZBG 1A	06/06/91	Dry after ~1 pint
ZW Series		
ZW 8	06/07/91	No access; well overgrown with vegetation and surrounded by water

NOTES

6. ANALYTICAL DATA REVIEW

Sample analyses performed for EPD/EMS during second quarter 1991 were conducted by EPA-approved methods except as noted in Table 14 on page 62.

General Engineering (GE) of Charleston, SC, the primary SCDHEC-certified subcontracting laboratory for sample analysis, performed all analyses, with the following exceptions:

- The M-Area Laboratory (MA) at SRS performed chloroform, tetrachloroethylene, trans-1,2-dichloroethene, 1,1-dichloroethylene, trichloroethylene, and 1,1,1-trichloroethane analyses for certain wells in the A/M Areas.

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

- EcoTek Laboratory Services Inc. of Atlanta, GA, performed some analyses as a subcontractor for General Engineering.

Well names followed by (R) in the tables in this and the following section (**Quality Control Samples**) indicate a blind replicate sent by EPD/EMS to one or more of the laboratories. If a statement in these chapters is true of both the well under its own name and its replicate, only the well name is used.

REVIEW OF THE ANALYTICAL DATA FOR ERRORS

The laboratories notify EPD/EMS when analyses are performed out of holding time, since this may affect the reliability of the data.

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

Types of errors that are corrected include the following:

- Several well names and sample dates were incorrect in the analytical and field data.

- Several laboratory sample identifications were assigned incorrect well names.

- Several analytical units, analytical methods, run dates, and detection limits were entered incorrectly.

- Several analytical results appeared different from historical data collected since 1988. A review of the laboratory records revealed problems with some of these analyses, such as data entry errors or incorrect dilution factor calculations. The original values were corrected in the data files by EPD/EMS after receiving written notification from the laboratory.

ANALYTICAL DATA REVIEW

Review of General Engineering Analytical Data

Samples from the following 234 wells were analyzed past the 48-hour holding time for total phosphates as phosphorus because the laboratory received the samples after the holding time expired.

ABP 1A	BGX 4D	FSB106C	HSB110D	HSB152C(R)
ABP 2A	BGX 5D	FSB107D	HSB111C	HSB152D
ABP 3	BGX 9D	FSB110C	HSB111D	IDP 4
ABP 3C	BGX 10D	FSB110D	HSB111E	IDQ 5
ABP 4	BGX 12C	FSB112C	HSB112C	IDQ 10
ABP 8C	BGX 12D	FSB112D	HSB112D	IDQ 11
AMB 10D	BRD 1	FSB115C	HSB112E	IDQ 12
AMB 10DD	BRD 2	FSB115D	HSB113C	KAC 4
AMB 12D	BRD 4	FSB116C	HSB113D	KAC 6
ASB 1A	BRD 5	FSB116D	HSB114C	KAC 7
ASB 2A	CSD 1D	FSB117D	HSB114D	MSB 1B
ASB 3A	FSB 76	FSB118D	HSB115C	MSB 2D
ASB 3C	FSB 77	FSB119D	HSB115D	MSB 13CC
ASB 5A	FSB 78	FSB120A	HSB116C	MSB 32
ASB 6A	FSB 78B	FSB120D	HSB116D	MSB 33A
ASB 6C	FSB 78C	FSB122C	HSB117C	MSB 33B
ASB 6TA	FSB 79	HSB 66	HSB117D	MSB 33TA
ASB 7	FSB 79C	HSB 67	HSB121A	MSB 36A
ASB 10C	FSB 87C	HSB 68	HSB122A	MSB 36D
BG 101	FSB 88D	HSB 68C	HSB125D	MSB 36TA
BGO 1D	FSB 89D	HSB 69	HSB127C	MSB 40A
BGO 2D	FSB 90C	HSB 69A	HSB127D	MSB 40C
BGO 6C	FSB 90D	HSB 70	HSB129C	MSB 40TA
BGO 6D	FSB 91C	HSB 70C	HSB129D	MSB 48A
BGO 8C	FSB 91D	HSB 71	HSB130C	MSB 48C
BGO 8D	FSB 92D	HSB 71C	HSB130D	MSB 48TA
BGO 9D	FSB 93C	HSB 83D	HSB134D	MSB 64C
BGO 11D	FSB 93D	HSB 84C	HSB135D	MSB 64D
BGO 13D	FSB 94C	HSB 84D	HSB136C	MSB 65D
BGO 14A	FSB 94DR	HSB 86C	HSB136D	MSB 70D
BGO 14C	FSB 95CR	HSB 86D	HSB137C	MSB 72B
BGO 16A	FSB 95DR	HSB100D	HSB137D	MSB 73B
BGO 20D	FSB 96AR	HSB101D	HSB138D	MSB 78D
BGO 21D	FSB 97A	HSB102C	HSB139C	MSB 79B
BGO 27C	FSB 97C	HSB102D	HSB140A	MSB 79C
BGO 27D	FSB 97D	HSB103C	HSB140C	MSB 82A
BGO 30D	FSB 98A	HSB103D	HSB140D	MSB 85TA
BGO 31C	FSB 98C	HSB104C	HSB142C	P 29C
BGO 31D	FSB 98D	HSB104D	HSB142D	P 29TA
BGO 32D	FSB 99C	HSB105D	HSB143C	P 29TC
BGO 33C	FSB101A	HSB106C	HSB143D	TNX 1D
BGO 33D	FSB102C	HSB106D	HSB144A	TNX 8D
BGO 35C	FSB103C	HSB107C	HSB145C	TNX 9D
BGO 35D	FSB104C	HSB107D	HSB145D	TNX 10D
BGX 2D	FSB104D	HSB108C	HSB146A	TNX 11D
BGX 4A	FSB105C	HSB108D	HSB151C	TNX 12D
BGX 4C	FSB105DR	HSB109D	HSB151D	

Samples from the following 160 wells were analyzed past the 14-day holding time for cyanide, although the laboratory received them before the holding time expired:

ABP 1A	BGO 18D	FSB 78C	HSB114C	MCB 6
ABP 2A	BGO 20D	FSB 79	HSB114D	MCB 6C
ABP 3	BGO 21D	FSB 79C	HSB115C	MCB 7C
ABP 3C	BGO 22D	FSB 87C	HSB115D	MSB 10A
ABP 4	BGO 23D	FSB 89D	HSB116C	MSB 10B
ABP 8C	BGO 25A	FSB 90C	HSB116D	MSB 11A
AMB 5	BGO 26A	FSB 91C	HSB119A	MSB 11B
AMB 8D	BGO 26D	FSB 94C	HSB123A	MSB 12TA
AMB 9D	BGO 28D	FSB 97A	HSB127C	MSB 12TB
AMB 10D	BGO 29A	FSB107C	HSB129C	MSB 14B
AMB 10DD	BGO 30C	FSB107D	HSB129D	MSB 29A
AMB 11D	BGO 30D	FSB108D	HSB132C	MSB 29C
AMB 12D	BGO 31C	FSB109D	HSB132D	MSB 29TA
BGO 1D	BGO 31D	FSB119D	HSB135C	MSB 31A
BGO 2D	BGO 32D	FSB120C	HSB135D	MSB 31B
BGO 6A	BGO 33D	FSB122C	HSB141C	MSB 36A
BGO 6C	BGO 34D	HSB 68B	HSB141D	MSB 36C
BGO 6D	BGO 35C	HSB 68C	HSB145C	MSB 36D
BGO 7D	BGO 35D	HSB 69	HSB145D	MSB 36TA
BGO 8D	BGO 36D	HSB 70	HSB146A	MSB 40A
BGO 9D	BGO 37D	HSB 70C	HSB146C	MSB 40C
BGO 10A	BGO 38D	HSB 71C	HSB146D	MSB 40TA
BGO 10C	BGO 39D	HSB 83D	HSB147D	MSB 59D
BGO 11D	BRD 1	HSB 84A	LFW 21	MSB 62B
BGO 12A	BRD 2	HSB 84B	LFW 29	MSB 62C
BGO 12D	BRD 4	HSB 84C	LFW 30	MSB 62D
BGO 13D	BRD 5D	HSB 84D	LFW 36	MSB 63B
BGO 14A	FNB 1	HSB 86C	LFW 37(R)	MSB 63C
BGO 14C	FNB 2	HSB 86D	LFW 38	MSB 63D
BGO 14D	FNB 3	HSB102D	MCB 2	MSB 64C
BGO 16A	FNB 4	HSB105D	MCB 4	MSB 64D
BGO 18A	FSB 78	HSB111E	MCB 5C	RWM 1

The following 23 samples were extracted past the 7-day holding time for herbicides, although the laboratory received the samples before the holding time expired.

BGO 7D	BGO 31C	FNB 1	FSB 94C	HSB113C
BGO 27D	BGO 31D	FNB 2	HSB104C	HSB116D
BGO 28D	BGO 32D	FSB 78C	HSB107C	HSB133C
BGO 30C	BGO 33C	FSB 91C	HSB108C	
BGO 30D	FCB 3	FSB 92D	HSB110D	

The following 355 samples were analyzed past the 30-day holding time for tritium, although the laboratory received the samples before the holding time had expired.

AC 1A	ASB 3A	ASB 8A	BG 59	BG 96
AC 1B	ASB 3C	ASB 8TA	BG 60	BG 101
AC 2A	ASB 5A	ASB 9	BG 61	BG 104
AC 2B	ASB 6A	ASB 9B	BG 91	BG 107
AC 3A	ASB 6C	ASB 9C	BG 92	BG 108
AC 3B	ASB 6TA	ASB 10C	BG 93	BG 110
ASB 1A	ASB 7	BG 54	BG 94	BG 121
ASB 2A	ASB 8	BG 55	BG 95	BG 122

ANALYTICAL DATA REVIEW

BGO 1D
BGO 2D
BGO 6A
BGO 6C
BGO 6D
BGO 7D
BGO 8C
BGO 8D
BGO 9D(R)
BGO 10A
BGO 10C
BGO 11D
BGO 12A
BGO 12D
BGO 13D
BGO 25A
BGO 26A
BGO 26D
BGO 29A
BGO 30C
BGO 30D
BGO 31C
BGO 31D
BGO 35C
BGO 38D
BRR 1D
BRR 2D
BRR 3D
BRR 5D
CBR 1D
CBR 2D
CBR 3D
CDB 1
CDB 2
CMP 8
CMP 8A
CMP 8B
CMP 9B
CMP 10
CMP 10B
CMP 11
CMP 11B
CMP 12
CMP 12A
CMP 12B
CMP 13
CMP 13B
CMP 14B
CMP 14C
CMP 15A
CMP 15B
CMP 15C
CMP 16B
FSB 78C
FSB 79
FSB 89D
FSB 90C
FSB 90D
FSB 91C
FSB 91D
FSB 92D
FSB 93C
FSB 93D
FSB 94C
FSB 94DR
FSB 95CR
FSB 95DR
FSB 97A
FSB 97C
FSB 97D
FSB 98C
FSB 98D
FSB 99C
FSB101A
FSB104C
FSB104D
FSB105C
FSB105DR
FSB106C
FSB107D
FSB110C
FSB110D
FSB111D
FSB112C
FSB112D
FSB113A
FSB115C
FSB115D
FSB116C
FSB116D
FSB117D
FSB118D
FSB119D
FSB120A
FSB120C
FSB120D
FSB122C
FSS 1D
FSS 2D
FSS 3D
FSS 4D
HMD 1D
HMD 2D
HMD 3D
HMD 4D
HSB 1TB
HSB 67
HSB 68
HSB 68C
HSB 69
HSB 70
HSB 70C
HSB 71
HSB 71C
HSB 83D
HSB 84C
HSB 86C
HSB 86D
HSB102D
HSB104C
HSB104D
HSB105D
HSB107C
HSB107D
HSB108C
HSB108D
HSB110D
HSB111C
HSB111D
HSB111E
HSB112C
HSB112D
HSB112E
HSB113C
HSB113D
HSB114C
HSB114D
HSB115C
HSB115D
HSB116C
HSB116D
HSB117C
HSB117D
HSB123A
HSB125D
HSB127D
HSB129C
HSB129D
HSB130C
HSB134D
HSB135D
HSB136C
HSB136D
HSB137C
HSB137D
HSB138D
HSB139C
HSB140A
HSB140C
HSB140D
HSB141C
HSB141D
HSB142C
HSB142D
HSB143C
HSB143D
HSB144A
HSB145C
HSB145D
HSB146A
HSB146C
HSB146D
HSB147D
HSB151C
HSB151D
HSB152C(R)
HSB152D
HSS 3D
HTF 7
HXB 4D
HXB 5D
IDP 1
IDP 3A
IDP 3B
IDP 3C
IDP 9
K 301P
KAC 2
KAC 3
KAC 4
KAC 5
KAC 6
KAC 7
KSB 1
KSB 2
KSB 3
KSB 4A
LCO 2
LCO 3
LCO 4
LFW 6
LFW 7
LFW 8
LFW 10A
LFW 16
LFW 17
LFW 19
LFW 20
LFW 22
LFW 23
LFW 24
LFW 25
LFW 26
LFW 27
LFW 28
LFW 29
LFW 30
LFW 31
LFW 32
LFW 33
LFW 34
LFW 35
LFW 36
LFW 37
LFW 39
LFW 40
LFW 41
LFW 42
LSB 1
LSB 2
LSB 3
LSB 4
MSB 13CC
MSB 23B
MSB 37A
MSB 37B
MSB 44A
MSB 44B
MSB 44C
MSB 45B
MSB 46B
MSB 47BB
MSB 50B
MSB 50D
MSB 51B
MSB 51D
MSB 52B
MSB 54B
MSB 54C
MSB 54D
MSB 54TA
MSB 55B
MSB 55C
MSB 56D
MSB 60D
MSB 61C
MSB 61D
MSB 62B
MSB 62C
MSB 62D
MSB 63B
MSB 63C
MSB 63D
MSB 64C
MSB 64D
MSB 66B
MSB 66TA
MSB 67B
MSB 67C
MSB 68B
MSB 69B
MSB 69C
MSB 69D
MSB 69TA
MSB 70D
MSB 74C
MSB 74D
MSB 75B
MSB 75C
MSB 78D
MSB 82A
MSB 82B
MSB 82C
MSB 82D
MSB 82TA
MSB 83B
MSB 83D
MSB 83TA
MSB 85B
MSB 85D
MSB 85TA
PAC 1
PAC 2
PAC 3
PAC 4

PAC 5	PRP 3	TBG 7(R)	TNX 5D	TNX 9D
PAC 6	PRP 4	TNX 1D	TNX 6D	TNX 10D
PRP 1A	SSS 17	TNX 3D	TNX 7D	TNX 11D
PRP 2	SSS 22	TNX 4D	TNX 8D	TNX 12D

Samples from the following 147 wells were analyzed past the 48-hour holding time for total phosphates as phosphorus, although the laboratory received the samples before the holding time expired.

AC 1A	FAC 8	HXB 4D	MSB 39A	MSB 66TA
AC 1B	FCB 5	HXB 5D	MSB 39B	MSB 67B
AC 2A	FCB 6	IDB 3	MSB 39D	MSB 67C
AC 2B	FNB 4	IDB 9	MSB 39TA	MSB 68B
AC 3A	FSB 1TA	IDB 10	MSB 40D	MSB 69B
AC 3B	FSB 99A	IDQ 8	MSB 41A	MSB 69C
AMB 4	FSB 99D	IDQ 12(R)	MSB 41B	MSB 69D
AMB 5	FSB100A	KAC 3	MSB 41C	MSB 69TA
AMB 6	FSB111C	KAC 5	MSB 41TA	MSB 70C
AMB 7	FSB111D	MCB 2	MSB 43A	MSB 74C
AMB 8D	FSB123C	MCB 4	MSB 43B	MSB 74D
AMB 9D	FSB123D	MCB 5C	MSB 43D	MSB 75B
AMB 11D	HAC 1	MCB 6	MSB 43TA	MSB 75C
ASB 8	HAC 3	MCB 6C	MSB 44A	MSB 77B
ASB 8A	HAC 4	MCB 7C	MSB 44B	MSB 77C
ASB 8TA	HSB 1TB	MSB 7C	MSB 44C	MSB 81B
ASB 9	HSB 68A	MSB 12TA	MSB 45B	PAC 1
ASB 9B	HSB 85A	MSB 12TB	MSB 46B	PAC 2
ASB 9C	HSB 85B	MSB 13A	MSB 50B	PAC 3
BGO 14D	HSB 85C	MSB 17A	MSB 50D	PAC 4
BGO 15D	HSB117A	MSB 17D	MSB 51B	PAC 5
BGO 28D	HSB119A	MSB 18A	MSB 52B	PAC 6
CBR 3D	HSB124A	MSB 18C	MSB 54B	RWM 1
DCB 6	HSB133C	MSB 29A	MSB 54C	RWM 12
DCB 7(R)	HSB133D	MSB 29B	MSB 54D	TBG 1
FAC 3	HSB139A	MSB 29C	MSB 54TA	TNX 2D
FAC 4	HSB139D	MSB 29D	MSB 55B	XSB 5A
FAC 5	HSB141A	MSB 29TA	MSB 55C	
FAC 6	HSB148C	MSB 37A	MSB 56D	
FAC 7	HSB148D	MSB 37B	MSB 66B	

Samples from the following 204 wells were analyzed past the 7-day holding time for total organic halogens, although the laboratory received the samples before the holding time expired:

ABP 4	ASB 9B	BGO 14C	BGO 32D	CBR 2D
AMB 10D	ASB 9C	BGO 14D	BGO 33C	FAC 3
AMB 10DD	ASB 10C	BGO 16A	BGO 33D	FAC 5
AMB 12D	BGO 1D	BGO 18A	BGO 34D	FSB 76
ASB 1A	BGO 2D	BGO 18D	BGO 35C	FSB 77
ASB 2A(R)	BGO 6D	BGO 22D	BGO 35D	FSB 78
ASB 3C	BGO 8C	BGO 23D	BGO 36D	FSB 78C
ASB 6A	BGO 8D	BGO 26A	BGO 37D	FSB 79
ASB 6TA	BGO 9D	BGO 26D	BGO 39D	FSB 79C
ASB 7	BGO 10A	BGO 29A	BRD 1	FSB 87B
ASB 8	BGO 11D	BGO 30C	BRD 2	FSB 87C
ASB 8A	BGO 12A	BGO 30D	BRD 4	FSB 89D
ASB 8TA	BGO 13D	BGO 31C	BRD 5D	FSB 90C
ASB 9	BGO 14A	BGO 31D	CBR 1D	FSB 90D

FSB 91C	HSB 68C	HSB114D	MCB 5C	MSB 48A
FSB 91D	HSB 71C	HSB115C	MCB 6C	MSB 55D
FSB 92D	HSB 83D	HSB115D	MCB 7C	MSB 55HC
FSB 93C	HSB 86A	HSB116C	MSB 1B	MSB 55TA
FSB 93D	HSB 86B	HSB116D	MSB 1C	MSB 58D
FSB 94DR	HSB 86C	HSB117C	MSB 1CC	MSB 59D
FSB 95CR	HSB 86D	HSB119A	MSB 1D	MSB 60D
FSB 95DR	HSB101D	HSB120A	MSB 2B	MSB 62B
FSB 97C	HSB102C	HSB126D	MSB 2C	MSB 62C
FSB 97D	HSB102D	HSB127D	MSB 2D	MSB 66D
FSB 98C	HSB103D	HSB129D	MSB 3B	MSB 77B
FSB 98D	HSB104C	HSB134D	MSB 3C	MSB 78D
FSB 99C	HSB104D	HSB136C	MSB 4B	MSB 83C
FSB104D	HSB105D	HSB136D	MSB 4C	MSB 84C
FSB105C	HSB106C	HSB137C	MSB 4D	MSB 86C
FSB105DR	HSB106D	HSB137D	MSB 5C	PAC 1
FSB106C	HSB107D	HSB139C	MSB 7B	RWM 12
FSB112C	HSB108D	HSB141C	MSB 8B	SCA 3
FSB112D	HSB109D	HSB142D	MSB 8C	TBG 7
FSB117D	HSB111C	HSB144A	MSB 13CC	TNX 1D
FSB119D	HSB111D	HSB145C	MSB 19A(R)	TNX 3D
FSB120C	HSB111E	HSB145D	MSB 21B	TNX 4D
FSB122C	HSB112C	HSB146A	MSB 23B	TNX 5D
FSB122D	HSB112D	KDT 1D	MSB 26B	TNX 8D
HAC 4	HSB112E	LFW 21	MSB 31CC	TNX 9D
HSB 67	HSB113D	LFW 36	MSB 46A	TNX 12D
HSB 68	HSB114C	LFW 37	MSB 47BB	

The sample from HSB116C was extracted for tributyl phosphate after the 7-day extraction time, although the laboratory received the sample before the holding time expired.

Samples from the following 6 wells were extracted for bases/neutrals/acids after the 7-day extraction time, although the laboratory received the samples before the holding time expired: BGO 30D, BGO 32D, BGO 33C, FNB 1, FNB 2, and HSB137C.

Samples from the following 308 wells were analyzed past the 7-day holding time for total dissolved solids, although the laboratory received them before the holding time expired:

ASB 3C	BGO 6A	BGO 23D	BGO 38D	FSB 89C
ASB 6C	BGO 6D	BGO 25A	BGO 39D	FSB 89D
ASB 6TA	BGO 7D	BGO 26A	FCB 3	FSB 90C
ASB 9B	BGO 8C	BGO 26D	FCB 4	FSB 90D
ASB 9C	BGO 8D	BGO 27C	FSB 76	FSB 91C
ASB 10C	BGO 9D	BGO 28D	FSB 76A	FSB 91D
BG 91	BGO 10A	BGO 29A	FSB 76B	FSB 92D
BG 92	BGO 10C	BGO 30C	FSB 76C	FSB 93C
BG 95	BGO 11D	BGO 30D	FSB 77	FSB 93D
BG 96	BGO 12A	BGO 31C	FSB 78	FSB 94C
BG 101	BGO 12D	BGO 31D	FSB 78B	FSB 94DR
BG 104	BGO 13D	BGO 32D	FSB 78C	FSB 95CR
BG 107	BGO 14A	BGO 33C	FSB 79	FSB 95DR
BG 108	BGO 14C	BGO 33D	FSB 79C	FSB 96AR(R)
BG 110	BGO 14D	BGO 34D	FSB 87A	FSB 97A
BG 121	BGO 16A	BGO 35C	FSB 87B	FSB 97C
BG 122	BGO 18A	BGO 35D	FSB 87C	FSB 97D
BGO 1D	BGO 18D	BGO 36D	FSB 88C	FSB 98C
BGO 2D	BGO 22D	BGO 37D	FSB 88D	FSB 98D

FSB 00A
FSB 00C
FSB101A
FSB102C
FSB103C
FSB104C
FSB104D
FSB105C
FSB106DR
FSB106C
FSB107D
FSB110C
FSB110D
FSB112A
FSB112C
FSB112D
FSB113A
FSB113C
FSB113D
FSB114A
FSB114C
FSB114D
FSB115C
FSB115D
FSB116C
FSB116D
FSB117D
FSB118D
FSB119D
FSB120A
FSB120C
FSB120D
FSB122C
FSB122D
FSS 1D
FSS 2D
FSS 3D
FSS 4D
HAC 2
HMD 1D
HMD 2D
HMD 3D
HMD 4D
HSB 1TB
HSB 05
HSB 05A
HSB 05B
HSB 05C
HSB 06
HSB 07
HSB 08
HSB 09
HSB 09A
HSB 70
HSB 70C
HSB 71
HSB 71C
HSB 83D
HSB 84C
HSB 84D
HSB 85B
HSB 85C
HSB 86A
HSB 86B
HSB 86C
HSB 86D
HSB100C
HSB100D
HSB101C
HSB101D
HSB102C
HSB102D
HSB103C
HSB103D
HSB104C
HSB104D
HSB105D
HSB106C
HSB106D
HSB107C
HSB107D
HSB108C
HSB108D
HSB109D
HSB110C
HSB110D
HSB111C
HSB111D
HSB111E
HSB112C
HSB112D
HSB112E
HSB113C
HSB113D
HSB114C
HSB114D
HSB115C
HSB115D
HSB116C
HSB116D
HSB117C
HSB117D
HSB118A
HSB119A
HSB120A
HSB121A
HSB122A
HSB125C
HSB125D
HSB127C
HSB127D
HSB129C
HSB129D
HSB130C
HSB134C
HSB134D
HSB135D
HSB136C
HSB136D
HSB137C
HSB137D
HSB138D
HSB139C
HSB140A
HSB140C
HSB140D
HSB142C
HSB142D
HSB143C
HSB143D
HSB144A
HSB145C
HSB145D
HSB146A
HSB150D
HSB151C
HSB151D
HSB152C(R)
HSB152D
HSS 1D
HSS 2D
HSS 3D
HXB 4D
HXB 5D
IDP 1
IDP 2
IDP 3A
IDP 3B
IDP 3C
IDP 5
IDP 7
IDP 8
IDP 9
IDQ 8
KAC 1
MSB 1B
MSB 1C
MSB 1CC
MSB 2B
MSB 2C
MSB 2D
MSB 3C
MSB 4C
MSB 5B
MSB 6B
MSB 6C
MSB 7B
MSB 7C
MSB 8B
MSB 13CC
MSB 13D
MSB 19A(R)
MSB 20B
MSB 31CC
MSB 46A
MSB 53B
MSB 53C
MSB 53D
MSB 55D
MSB 55HC
MSB 55TA
MSB 57D
MSB 58D
MSB 59D
MSB 65D
MSB 70D
MSB 83C
MSB 84C
MSB 86C
PAC 1
PAC 2
PAC 3
PAC 4
PAC 5
PAC 6
PSS 1D
PSS 2D
PSS 3D
SSS 17
SSS 22
TBG 7
TNX 1D
TNX 2D
TNX 3D
TNX 4D
TNX 5D
TNX 6D
TNX 7D
TNX 8D
TNX 9D
TNX 10D
TNX 11D
TNX 12D

Samples from the following 7 wells were analyzed past the 14-day holding time for xylenes, although the laboratory received the samples before the holding time had expired: BGO 28D, BGO 29A, BGO 30D, BGO 32D, BGO 33C, BGO 35D, and KDT 1D.

Samples from HAC 2 and KAC 1 were analyzed past the 48-hour holding time for nitrite as nitrogen, although the laboratory received them before the holding time expired.

The samples for the following 322 wells were analyzed after the 28-day holding time for mercury had expired, although the samples were received before the holding time had expired:

ABP 4
AC 1A
AC 1B
AC 2A
AC 2B
AC 3A
AC 3B
AMB 4
AMB 8D
AMB 9D
AMB 10DD
AMB 12D
ASB 1A
ASB 2A
ASB 3A

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ASB 3C
ASB 6A
ASB 6A
ASB 6C
ASB 6TA
ASB 7
ASB 10C
BG 54
BG 55
BG 59
BG 60
BG 61
BG 91
BG 92
BG 93
BG 94
BG 95
BG 96
BG 101
BG 104
BG 107
BG 108
BG 110
BG 121
BG 122
BGO 1D
BGO 2D
BGO 6A
BGO 9D
BGO 10A
BGO 10C
BGO 11D
BGO 12A
BGO 12D
BGO 16A
BGO 20D
BGO 27C
BGO 27D
BGO 28D
BGO 30D
BGO 32D
BGO 33C
BGO 35C
BGO 37D
BRD 2
BRD 4
BRD 5
BRR 1D
BRR 2D
BRR 3D
BRR 4D
BRR 5D
CBR 3D(R)
CMP 8
CMP 8A
CMP 8B
CMP 9B
CMP 10
CMP 10B
CMP 11
CMP 11B
CMP 12
CMP 12A
CMP 12B
CMP 13
CMP 13B
CMP 14B
CMP 14C
CMP 15A
CMP 15B
CMP 15C
CMP 16B
FAC 8
FCB 2
FNB 2
FNB 4
FSB 77
FSB 78C
FSB 89D
FSB 90D
FSB 91C
FSB 91D
FSB 92D
FSB 93D
FSB 94DR
FSB 95CR
FSB 95DR
FSB 97C
FSB 98C
FSB 99C
FSB105DR
FSB106C
FSB117D
FSB119D
FSB120C
FSB122C
FSB122D
FSS 1D
FSS 2D
FSS 3D
FSS 4D
HAC 1
HAC 3
HMD 1D
HMD 2D
HMD 3D
HMD 4D
HSB 1TB
HSB 67
HSB 83D
HSB101D
HSB102D
HSB103D
HSB104D
HSB105D
HSB107D
HSB108D
HSB111C
HSB111D
HSB111E
HSB112C
HSB112D
HSB112E
HSB113D
HSB116D
HSB119A
HSB127D
HSB129C
HSB129D
HSB132D
HSB137C
HSB137D
HSB139C
HSB141C
HSB141D
HSB145C
HSB145D
HSB146A
HSB146C
HSB146D
HSB147D
HTF 7
HXB 4D
HXB 5D
IDB 1A
IDB 3
IDB 9
IDB 10
IDP 3A
IDP 3C
IDP 9
KAC 2
KAC 3
KAC 4
KAC 5
KAC 6
KAC 7
LFW 7
LFW 8
LFW 10A
LFW 16
LFW 17
LFW 18
LFW 19
LFW 20
LFW 21
LFW 22
LFW 23
LFW 24
LFW 25
LFW 26
LFW 27
LFW 28
LFW 30
LFW 31
LFW 32
LFW 33
LFW 34
LFW 35
LFW 37(R)
LFW 38
LFW 39
LFW 40
LFW 41
LFW 42
MCB 2
MCB 4
MCB 5C
MCB 6C
MCB 7C
MSB 12TA
MSB 12TB
MSB 19A(R)
MSB 26B
MSB 29A
MSB 29B
MSB 29C
MSB 29D
MSB 29TA
MSB 31A
MSB 31B
MSB 31CC
MSB 34C
MSB 34TA
MSB 34TB
MSB 36A
MSB 36C
MSB 36D
MSB 36TA
MSB 37A
MSB 37B
MSB 38C
MSB 38TA
MSB 40A
MSB 40C
MSB 40D
MSB 40TA
MSB 42B
MSB 42C
MSB 42TA
MSB 43A
MSB 43B
MSB 43D
MSB 43TA
MSB 44A
MSB 44B
MSB 44C
MSB 47BB
MSB 47D
MSB 48A
MSB 48C
MSB 48TA
MSB 49A
MSB 49B
MSB 49D
MSB 50B
MSB 50D
MSB 51B
MSB 51D
MSB 52B
MSB 52D
MSB 55D
MSB 55HC
MSB 55TA
MSB 56D
MSB 59D
MSB 60D
MSB 62B
MSB 62D
MSB 63B
MSB 63C
MSB 63D
MSB 64C
MSB 64D
MSB 66B
MSB 66TA
MSB 67B
MSB 67C
MSB 68B
MSB 69B
MSB 69C
MSB 69D
MSB 69TA
MSB 71B
MSB 72B
MSB 73B
MSB 74C
MSB 74D
MSB 75B
MSB 75C
MSB 78D
MSB 79B
MSB 79C
MSB 82A
MSB 82B
MSB 82C
MSB 82D
MSB 82TA
MSB 83B
MSB 83C
MSB 83D
MSB 83TA
MSB 84C
MSB 85B
MSB 85C
MSB 85D
MSB 86C
PAC 1
PAC 2
PAC 3
PAC 4
PAC 5
PAC 6
RWM 12
SCA 3

SCA 3A	TNX 2D	TNX 5D	XSB 1A	XSB 1D
SSS 22	TNX 3D	TNX 6D	XSB 1B	XSB 3A
TBG 7	TNX 4D			

Samples from the following 190 wells were analyzed past the 28-day holding time for nitrate as nitrogen, although the laboratory received them before the holding time expired.

ABP 1A	BGO 16A	FSS 2D	IDB 3	MSB 40A
ABP 2A	BGO 20D	FSS 4D	IDB 9	MSB 40C
ABP 3	BGO 21D	HMD 1D	IDB 10	MSB 40TA
ABP 3C	BGO 27C	HMD 2D	IDP 2	MSB 47D
ABP 4	BGO 28D	HMD 3D	IDP 5	MSB 48A
ABP 8C	BGO 30C	HMD 4D	IDP 6	MSB 48C
AMB 10D	BGO 30D	HSB 1TB	IDP 7	MSB 48TA
AMB 10DD	BGO 31C	HSB 69	IDP 8	MSB 55TA
AMB 12D	BGO 31D	HSB 70	IDQ 5	MSB 57D
ASB 1A	BGO 32D	HSB 71C	IDQ 10	MSB 59D
ASB 2A	BGO 33C	HSB100D	IDQ 11	MSB 62B
ASB 3A	BGO 33D	HSB103C	IDQ 12	MSB 62C
ASB 3C	BGO 35C	HSB111E	KSS 1D	MSB 63C
ASB 5A	BGO 35D	HSB117A	KSS 2D	MSB 64C
ASB 6A	BGO 37D	HSB117C	KSS 3D	MSB 70C
ASB 6C	BRD 1	HSB119A	MCB 6C	MSB 72B
ASB 6TA	BRD 2	HSB125D	MCB 7C	MSB 73B
ASB 7	BRD 4	HSB129C	MSB 1C	MSB 79B
ASB 9C	BRD 5D	HSB131C	MSB 1CC	MSB 79C
ASB 10C	FCA 2D	HSB135D	MSB 2C	MSB 82A
BG 91	FCA 9D	HSB136C	MSB 2D	MSB 83TA
BG 92	FCA 16D	HSB136D	MSB 3C	NBG 1
BG 95	FCB 2	HSB138D	MSB 4C	NBG 2
BG 104	FCB 3	HSB141C	MSB 5A	NBG 3
BG 108	FNB 1	HSB141D	MSB 6C	PSS 1D
BG 110	FNB 2	HSB145C	MSB 7C	PSS 2D
BG 121	FSB 1TA	HSB145D	MSB 13A	PSS 3D
BGO 1D	FSB 87A	HSB146A	MSB 13B	RWM 12
BGO 2D	FSB 87B	HSB146C	MSB 13CC	SCA 4A
BGO 6C	FSB 97A	HSB146D	MSB 14B	SSS 17
BGO 6D	FSB 99D	HSB147D	MSB 17A	TNX 1D
BGO 8C	FSB100A	HSB150D	MSB 17D	TNX 8D
BGO 8D	FSB101A	HSB152D	MSB 31A	TNX 9D
BGO 9D	FSB104D	HSS 1D	MSB 31B	TNX 10D
BGO 11D	FSB112A	HSS 2D	MSB 34TA	TNX 11D
BGO 13D	FSB112D	HSS 3D	MSB 36A	TNX 12D
BGO 14A	FSB123C	HXB 4D	MSB 36D	XSB 1A
BGO 14C	FSS 1D	HXB 5D	MSB 36TA	XSB 1B

Samples for the following 50 wells were analyzed past the 14-day holding time for GCMS VOA, although the laboratory received the samples before the holding time expired:

BGO 29A	FNB 3	FSB112C	HSB 68C	HSB 84D
BGO 35D	FSB 93D	FSB112D	HSB 69	HSB117D
BGX 2B	FSB102C	FSB115C	HSB 70	HSB125D
BRD 4	FSB103C	FSB115D	HSB 70C	HSB130D
CMP 11	FSB104C	FSB118D	HSB 71	HSB131D
FCB 4	FSB106D	FSB120D	HSB 84B	HSB136C
FNB 2	FSB110C	FSB121C	HSB 84C	HSB136D

HSB138D	HSB150D	HSB152C(R)	MSB 13B	MSB 77TA
HSB142C	HSB151C	HSB152D	MSB 17A	MSB 78D
HSB142D	HSB151D	MSB 3D	MSB 62C	P 29C(R)

Samples for FCA 16D, NBG 1, NBG 2, and PDB 2 were analyzed past the 14-day holding time for GC VOA, although the laboratory received the samples before the holding time expired.

Samples from the following 32 wells were extracted past the 7-day holding time for pesticides, although the laboratory received the samples before the holding time expired:

BGO 27D	FCB 3	FSB 94C	HSB 83D	HSB145D
BGO 28D	FNB 1	FSB117D	HSB102D	HSB146A
BGO 30C	FNB 2	FSB119D	HSB104C	HSB148C
BGO 31C	FSB 78	FSB122C	HSB111E	HSB148D
BGO 31D	FSB 78C	FSB123C	HSB129C	
BGO 32D	FSB 79	FSB123D	HSB129D	
BGO 33C	FSB 91C	HSB 71C	HSB145C	

The internal laboratory blanks in Table 6 showed elevated results. General Engineering confirmed these results after review of the laboratory's records. The samples that accompanied the laboratory blanks in their respective analytical batches are listed in the table.

Table 6. General Engineering Laboratory Blanks With Elevated Results

Analyte	Run Date	Result	Well Samples Accompanying Blind Blanks
Acetone	5/02/91	4.75 µg/L	LFW 21, LFW 22, LFW 29, LFW 30, MSB 29A, MSB 29B, MSB 29C, MSB 29D, MSB 29TA, MSB 43A, MSB 43B, MSB 43D, MSB 43TA
	5/09/91	6.73 µg/L	FNB 3(R), FNB 4, LFW 37, LFW 38
Antimony	6/19/91	2.97 µg/L, 6.09 µg/L	DCB 6, DCB 7, LFW 25, MSB 66TA
Dichlorodifluoromethane	5/09/91	1.57 µg/L	FNB 3(R), FNB 4, LFW 37, LFW 38
	6/04/91	28.1 µg/L	BRD 1, BRD 2, BRD 4, BRD 5D, FNB 3, MCB 2, MCB 4, MCB 5C, MCB 6, MCB 6C, MCB 7C, RWM 12, TNX 12D
2-Hexanone	5/09/91	6.99 µg/L	FNB 3(R), FNB 4, LFW 37, LFW 38
Nitrate as nitrogen	7/02/91	240 µg/L	FSB 93D, FSB117D, FSB119D, FSB122C, HSB129D
Silver	5/21/91	10.1 µg/L	AC 2A, AC 2B, AC 3B, AMB 9D, AMB 11D, KSB 3, MSB 40D, MSB 29A, MSB 29B, MSB 29C, MSB 29D, MSB 29TA, MSB 44B, MSB 44C, MSB 50B, MSB 50D, MSB 51B, MSB 56D
	6/18/91	28.7 µg/L	MSB 36C, MSB 47BB, MSB 60D, MSB 62B, MSB 62C, MSB 62D, MSB 63B, MSB 63C, MSB 63D, MSB 82B, MSB 82C, MSB 82TA, MSB 83B, MSB 83D, MSB 83TA, MSB 85B, MSB 85D
	6/19/91	18.1 µg/L	AC 1A, AC 1B, AMB 5, AMB 8D, AMB 12D, MSB 67B, MSB 67C, MSB 68B, MSB 69B, MSB 69C, MSB 69D, MSB 69TA, MSB 75B, MSB 78D

Table 6. General Engineering Laboratory Blanks With Elevated Results (cont.)

Analyte	Run Date	Result	Well Samples Accompanying Blind Blanks
Silver	6/19/91	17.7 µg/L	AC 3A, AMB 4, AMB 6, AMB 7, HTF 7, MSB 37B, MSB 43A, MSB 43B, MSB 43D, MSB 43TA, MSB 44A, MSB 51D, MSB 52B, MSB 66B, MSB 75C
	6/19/91	22.9 µg/L, 25.5 µg/L	DCB 6, DCB 7, LFW 18, MSB 66TA
Tin	7/10/91	6.16 µg/L, 4.09 µg/L	CBR 1D, CBR 2D, CSD 1D, FSS 1D, FSS 2D, HMD 1D, HMD 2D, HMD 3D, HMD 4D
Total phosphates (as P)	5/27/91	64 µg/L	IDB 3, IDB 9, IDB 10, MCB 6C
Trichlorofluoromethane	5/02/91	8.99 µg/L	LFW 21, LFW 22, LFW 29, LFW 30, MSB 29A, MSB 29B, MSB 29C, MSB 29D, MSB 29TA, MSB 43A, MSB 43B, MSB 43D, MSB 43TA
2,4,5-Trichlorophenoxy-acetic acid	4/29/91	82.7 µg/L	MSB 29A, MSB 29B, MSB 29C, MSB 29D, MSB 29TA, MSB 43A, MSB 43B, MSB 43D, MSB 43TA
	6/10/91	125 µg/L	FNB 4, MCB 2, MCB 4, MCB 5C, MCB 6

General Engineering found no errors upon review of the records of the following EPD/EMS blind blanks that showed elevated results. Table 7 lists the samples that accompanied the blind blanks in their respective analytical batches.

Table 7. EPD/EMS Blind Blanks With Elevated Results

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Acetone	5/08/91, 5/09/91	4.0 µg/L, 5.0 µg/L	FNB 3(R), FNB 4, LFW 37, LFW 38
Alkalinity (as $CaCO_3$)	5/09/91	3.0 mg/L	BG 101, IDP 1, IDP 3A, IDP 3B, IDP 3C, IDP 9
Aluminum	4/14/91	80.0 µg/L	HSB 86A, HSB100D, HSB120A, MSB 19A (R)
Cyanide	6/03/91	16.8 µg/L	AMB 5, AMB 8D, AMB 9D, AMB 10D, AMB 10DD, AMB 12D, FSB120C, FSB122D, HSB111E, HSB119A, HSB129C, HSB141C, HSB141D, HSB145C, HSB145D, HSB146A, HSB146C, HSB146D, HSB147D, MSB 31A, MSB 31B, MSB 36A, MSB 36C, MSB 36D, MSB 36TA, MSB 40A, MSB 40C, MSB 40TA, MSB 59D, MSB 60D, MSB 62B, MSB 62C, MSB 62D, MSB 63B, MSB 63C, MSB 63D, MSB 64C, MSB 64D, MSB 71B, MSB 72D, MSB 85C
Dichlorodifluoromethane	5/08/91, 5/09/91	5.0 µg/L, 2.0 µg/L	FNB 3(R), FNB 4, LFW 37, LFW 38
Dichloromethane (Methylene chloride)	5/13/91	55.3 µg/L	BGO 1D, BGO 2D, BGO 9D, BGO 11D, BGO 27C, BGO 35C, TNX 9D(R)
Fluoride	5/13/91	110.0 µg/L	ASB 1A, ASB 2A, ASB 3A, ASB 3C, ASB 5A, ASB 6A, ASB 7, ASB 8, ASB 8A, ASB 8TA, ASB 9, ASB 9B, ASB 9C, ASB 10C, BGO 1D, BGO 2D, BGO 9D, BGO 11D, BGO 27C, BGO 35C, FNB 3, FNB 4, TNX 1D, TNX 8D, TNX 9D, TNX 10D, TNX 11D, TNX 12D

Table 7. EPD/EMS Blind Blanks With Elevated Results (cont.)

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Nitrate as nitrogen	7/01/91	220.0 µg/L, 110.0 µg/L	ASB 1A, ASB 2A, ASB 3A, ASB 3C, ASB 5A, ASB 6A, ASB 7, ASB 8, ASB 8A, ASB 8TA, ASB 9, ASB 9B, ASB 9C, ASB 10C, BGO 1D, BGO 2D, BGO 9D, BGO 11D, BGO 27C, BGO 35C, FNB 3, FNB 4, TNX 1D, TNX 8D, TNX 9D, TNX 10D, TNX 11D, TNX 12D
Phenol	6/03/91	7.0 µg/L	BGO 6A, BGO 7D, CBR 3D(R), TNX 2D, TNX 7D
Silica	4/14/91	11,000 µg/L	HSB 86A, HSB100D, HSB120A, MSB 19A (R)
	4/21/91	9,800 µg/L, 9,000 µg/L	FSB 96AR(R), HSB 66, HSB 69A, HSB121A
	4/21/91	12,000 µg/L	HSB122A, MSB 39B
	4/23/91	9,000 µg/L	MSB 18C, MSB 65D, MSB 77B, MSB 77C, MSB 81B
	4/26/91	12,000 µg/L	FSB 87B, FSB 88C, FSB 89C, MSB 2B, MSB 2C, MSB 19A, MSB 19B
	4/26/91	13,000 µg/L	FSB 79B, HSB 83A, HSB 83B, HSB 83C, HSB105C, HSB109C, HSB118A
	4/30/91	9,200 µg/L	FSB 1TA, FSB 94C, FSB111C, FSB111D, FSB114A, FSB114C, FSB114D, HSB 68C, HSB 70, HSB117A, MSB 13D, MSB 53B, MSB 53C, MSB 53D
	5/01/91	8,800 µg/L	FSB101A, FSB115C, FSB116C, FSB116D, FSB120A, FSB120D, HSB 85B, HSB142C
	5/01/91	8,300 µg/L	FSB102C, FSB103C, FSB104C, FSB110C, FSB121C, HSB 71
	5/07/91	9,660 µg/L	MSB 26B, MSB 31CC, MSB 55HC, MSB 55TA, MSB 86C
	6/19/91	6,420 µg/L	DCB 6, DCB 7, LFW 25, MSB 66TA
	7/14/91	1,500 µg/L	HSB132C, HSB132D, IDB 1C, IDB 2A, IDB 2B, IDB 2C, IDB 4, IDB 5, IDB 6, IDB 7, IDB 8
	7/14/91	23,800 µg/L, 9,160 µg/L	BRD 1, BRD 2, BRD 4, BRD 5D, FCB 2, FCB 3, HAC 1, HAC 3, HAC 4, KSS 1D, KSS 2D, KSS 3D
	7/17/91	665 µg/L	BGO 28D, BGO 30D, BGO 32D, BGO 33C, IDQ 2, IDQ 3A, IDQ 3B, IDQ 3C, IDQ 4, IDQ 6, IDQ 7, IDQ 8, MSB 23B
	7/18/91	30,000 µg/L	P 26A, P 26B, P 26D, P 28A, P 28TB, TBG 3, TBG 5A, XSB 2D, XSB 3A, XSB 4D, YSB 1A, YSB 2A, YSB 3A, YSB 4A, YSC 4C
	7/18/91	23,200 µg/L	P 26A, P 26B, P 26D, P 28A, P 28TB, TBG 3, TBG 5A, XSB 2D, XSB 3A, XSB 4D, YSB 1A, YSB 2A, YSB 3A, YSB 4A, YSC 4C
Sodium	4/13/91	230 µg/L	FSB 79A, FSB 79B
	4/14/91	320 µg/L	HSB 86A, HSB100D, HSB120A, MSB 19A(R)
	4/21/91	280 µg/L	HSB122A, MSB 39B
	4/23/91	310 µg/L	MSB 18C, MSB 65D, MSB 77B, MSB 77C, MSB 81B
	5/01/91	410 µg/L	FSB101A, FSB115C, FSB116C, FSB116D, FSB120A, FSB120D, HSB 85B, HSB142C
	5/01/91	830 µg/L, 810 µg/L	FSB102C, FSB103C, FSB104C, FSB110C, FSB121C, HSB 71

Table 7. EPD/EMS Blind Blanks With Elevated Results (cont.)

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Sodium	5/07/91	2,500 µg/L	MSB 26B, MSB 31CC, MSB 55HC, MSB 55TA, MSB 86C
Total dissolved solids	4/22/91	26,000 µg/L, 36,000 µg/L	FSB102C, FSB103C, FSB104C, FSB110C, FSB121C, HSB 71, HSB117D, HSB138D, MSB 13CC
	4/26/91	34,000 µg/L	FSB120C, FSB122D, HSB111E, HSB119A, HSB129C, HSB145C, HSB145D, MSB 26B, MSB 31CC, MSB 46A, MSB 55D, MSB 55HC, MSB 55TA, MSB 59D, MSB 83C, MSB 84C, MSB 86C
	6/05/91	27,000 µg/L	XSB 1A, XSB 1B, XSB 1D, XSB 3A, YSB 1A, YSB 2A, YSB 3A, YSB 4A
	6/08/91	33,000 µg/L	P 26A, P 26B, P 26D, TBG 3, TBG 5A, XSB 2D, XSB 4D, YSC 4C
Total organic carbon	6/20/91	6,000 µg/L	XSB 1A, XSB 1B, XSB 1D, XSB 3A, YSB 1A, YSB 2A, YSB 3A, YSB 4A
Total organic halogens	4/17/91	16.0 µg/L	FSB 1TA, FSB102C, FSB103C, FSB104C, FSB110C, FSB111C, FSB111D, HSB 70, HSB 71, HSB117A, HSB117D, HSB138D, HSB139D, HSB142C, HSB151C, HSB151D, HSB152C(R), HSB152D, MSB 2B, MSB 4C, MSB 17D, MSB 70C
	5/01/91	19.0 µg/L	FSB117D, FSB119D, FSB120C, FSB122C, FSB122D, HSB111E, HSB119A, HSB129C, HSB129D, HSB145C, HSB145D, MSB 26B, MSB 31A, MSB 31B, MSB 31CC, MSB 46A, MSB 55D, MSB 55HC, MSB 55TA, MSB 59D, MSB 83C, MSB 84C, MSB 86C
	6/17/91	25.8 µg/L	ASB 1A, ASB 2A, ASB 3A, ASB 3C, ASB 5A, ASB 6A, ASB 7, ASB 8, ASB 8A, ASB 8TA, ASB 9, ASB 9B, ASB 9C, ASB 10C, BGO 1D, BGO 2D, BGO 9D, BGO 11D, BGO 27C, BGO 35C, CBR 1D, CBR 2D, TNX 1D, TNX 8D, TNX 9D, TNX 10D, TNX 11D, TNX 12D
	6/18/91	24.6 µg/L	BRD 1, BRD 2, BRD 4, BRD 5D
	6/18/91	50 µg/L	ASB 6C, ASB 6TA, BGO 10A, BGO 10C, BGO 12A, BGO 12D, BGO 25A, HXB 4D, HXB 5D, TBG 7, TNX 3D, TNX 4D, TNX 5D, TNX 6D
	6/28/91	18.4 µg/L	FSB117D, FSB119D, FSB122C, FSB129D, HAC 4, PAC 1, RWM 12
Total phosphates (as P)	4/11/91	230 µg/L	MSB 10A, MSB 10B, MSB 11A, MSB 11B, MSB 14B, MSB 15AA, MSB 61C, MSB 61D, MSB 77D, MSB 77TA
	6/05/91	132 µg/L	XSB 1A, XSB 1B, XSB 1D, XSB 3A, YSB 1A, YSB 2A, YSB 3A, YSB 4A
Trichlorofluoromethane	5/09/91	17.0 µg/L	FNB 3(R), FNB 4, LFW 37, LFW 38
Nonvolatile beta	5/16/91	39 ± 6.0 pCi/L	FSB 94C, FSB 97C, FSB 97D, FSB105DR, FSB106C, FSB112A, FSB113A, FSB113C, HSB 68C, HSB 69, HSB112E, HSB117A, HSB127D, HSB139C, MSB 53B, MSB 53C, MSB 53D

Table 7. EPD/EMS Blind Blanks With Elevated Results (cont.)

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Tritium	6/03/91	1.6E-05 ± 6E-07 µCi/mL	ASB 6C, ASB 6TA, BGO 10A, BGO 10C, BGO 12A, BGO 12D, BGO 25A, CDB 2, HXB 4D, HXB 5D, IDP 1, IDP 3A, IDP 3B, IDP 3C, IDP 9, TBG 7, TNX 3D, TNX 4D, TNX 5D, TNX 6D

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

Table 8. General Engineering Samples With High Analytical Results as Compared to Historical Data

Analyte	Wells
Acetone	MSB 29A, MSB 43A, MSB 43D, MSB 43B
Aluminum	BGO 28D, BGO 30D, BGO 32D, BGO 33C, BGO 34D, BGO 36D, FSB 78A, FSB 78B, FSB 79A, FSB 79B, FSB 89C, FSB 92D, FSB 93C, FSB 97A, FSB 99A, FSB100A, FSB106D, FSB108D, FSB112A, FSB112C, FSB115D, HSB105C, HSB120A, HSB141D, HSB145D, HSB152C
Antimony	FSB112A, FSB119D, LFW 10A
Arsenic	HSB101D, HSB130D
Barium	ABP 8C, AC 1A, AC 2A, AC 3B, BGO 6D, BGO 15D, BGO 34D, FAC 6, KAC 3, MSB 6A, MSB 7B, MSB 74C, MSB 85TA, TNX 6D, XSB 3A
Benzene	MSB 43TA
Cadmium	BGO 33C, FSB 78, LFW 6, LFW 10A, LFW 18
Calcium	ABP 8C, BGO 6C, BGO 6D, BGO 15D, BGO 29A, BGO 34D, FAC 6, FSB 76, FSB 79A, HSB100D, IDQ 10, KAC 1, KAC 4, LFW 10A, LFW 22, MSB 7B, MSB 63D, MSB 71B, MSB 74C, MSB 77TA, MSB 85TA, SCA 4, XSB 3A
Carbon tetrachloride	MSB 64D
Chloride	ABP 1A, FSB 77, FSB 78C, FSB 79, FSB 92D, FSB 93D, FSB 94C, FSB 94DR, FSB 95DR, FSB 98C, FSB 98D, FSB105DR, FSB110D, FSB112D, FSB117D, FSB119D, HSB129C, HSB141C, HSB145C, LFW 16, MSB 36D, MSB 78D
Chloroethene (Vinyl chloride)	BGO 28D, LFW 18
Chloroform	AC 3A, LFW 21, MSB 44A, YSB 1A, YSB 3A
Chloromethane	LFW 21, LFW 22, MSB 43D, MSB 79C
Chromium	MSB 77D
Cobalt	FSB 91C, HSB113D
Copper	ABP 8C, BGO 33C, FCB 6, FSB 79, FSB 90D, FSB 96AR, FSB104D, FSB114C, FSB115D, FSB122C, FSS 2D, FSS 3D, HSB108D, HSB132D, HSB152D, MSB 29B, MSB 36A, MSB 40D, MSB 43TA
Cyanide	FSB 98D, LFW 22, MSB 43B
Dichlorodifluoromethane	MSB 29A, MSB 43D
1,1-Dichloroethane	LFW 22
1,2-Dichloroethane	CMP 8
1,1-Dichloroethylene	MSB 43TA, MSB 13CC

Table 8. General Engineering Samples With High Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Dichloromethane (Methylene chloride)	BGO 10A, CMP 14C, CMP 15A, CMP 15C, CMP 16B, DCB 6, FCB 6, FSB 76A, FSB 76B, FSB 77, FSB 78, FSB 78C, FSB 79, FSB 79C, FSB 87B, FSB 88C, FSB 96AR, FSB116C, HMD 1D, HMD 2D, HMD 4D, HSB 1TB, HSB 68C, HSB108D, HSB114C, HSB114D, HSB149D, LFW 25, MSB 2B, MSB 21C, MSB 29A, MSB 29B, MSB 29C, MSB 29D, MSB 29TA, MSB 39A, MSB 39B, MSB 39C, MSB 39D, MSB 43A, MSB 43B, MSB 43D, MSB 43TA, MSB 64C, MSB 78D, MSB 79B, MSB 82A, MSB 85TA
Dissolved organic carbon	P 28TB
Ethylbenzene	MSB 43TA
Fluoride	FSB 77, FSB 78C, FSB 94C, FSB 94DR, FSB 95DR, FSB 98D, FSB112C, FSB112D, FSB117D, FSB119D, HSB101D, HSB115D, MSB 77TA
Iodine	BG 121, IDQ 3A
Iron	BGO 26D, FSB 76, FSB 78C, FSB 79A, FSB 95CR, FSB 95DR, FSB 97A, FSB 97D, FSB100A, FSB106D, FSB109D, FSB115D, FSB120D, FSB123D, FSS 1D, FSS 2D, HAC 2, HMD 1D, HMD 4D, HSB102D, HSB106C, HSB115D, HSB120A, HSB125D, HSB135C, IDB 2C, IDQ 5, KAC 3, KAC 4, KAC 7, MSB 1CC, MSB 2B, MSB 3C, MSB 4C, MSB 6C, MSB 37B, MSB 38C, MSB 44C, MSB 58D, MSB 61D, MSB 82B, MSB 82D, MSB 85D, MSB 85TA, SCA 4A, TNX 10D
Lead	ABP 8C, AMB 4, CMP 11B, FSB 78C, FSB 79, FSB 94C, FSB 95DR, FSB112D, HSB 71, HSB100D, LFW 34, LFW 35, LFW 37, MSB 7B, MSB 15AA, MSB 36A, TNX 6D
Magnesium	BGO 6D, BGO 15D, BGO 34D, CSD 4D, FSB 79A, HSB141C, IDB 1B, IDQ 10, LFW 10A, LFW 35, MSB 2C, MSB 5C, MSB 63D, MSB 85TA, TNX 6D, XSB 2D, XSB 3A
Manganese	FSB 76, FSB 79A, FSB 87A, FSB113A, FSB114A, FSB115C, FSB120A, FSB120D, FSS 1D, HSB141A, HSB141C, HSB148C, HSB148D, IDB 1A, IDB 2B, IDQ 10, KAC 3, LFW 22, MCB 5C, MCB 7C, MSB 37A, MSB 79C, MSB 85TA, SCA 3A, SCA 4A, TNX 6D, XSB 3A
Mercury	ASB 6C, BGO 12A, BGO 33C, BRD 1, BRD 5D, FSB 95CR, HAC 1, HSB106C, HSB117C, IDB 10, LFW 16, MCB 2, MCB 4, MCB 5C, MCB 6, MCB 7C, MSB 37A, XSB 3A
Nickel	ABP 3, ASB 3A, FSB 76, FSB106D, IDQ 2, MSB 1CC, MSB 13D, MSB 29B, MSB 29D, MSB 36D
Nitrate as nitrogen	BG 101, BG 104, BGO 13D, BGO 28D, BGO 30D, BGO 33C, FAC 3, FSB 76, FSB 95CR, FSB 95DR, FSB105DR, FSB106D, FSB111D, FSB120C, FSB120D, HSB 67, HSB108C, HSB111E, IDB 9, IDQ 5, IDQ 11, IDQ 12, LFW 23, MSB 1C, MSB 5C, MSB 13CC, MSB 57D, MSB 77D, MSB 78D, MSB 83D, SCA 4, TNX 1D, TNX 6D, TNX 7D, XSB 1B, XSB 2D, XSB 3A
Nitrite as nitrogen	CSD 11D
Phenols	IDB 2A, IDB 2B, IDB 2C, MSB 2B, MSB 5C, MSB 6C, MSB 7B, MSB 77TA, P 26D
Potassium	BGO 14D, HSB148D, LFW 28, LFW 31, MSB 2B, MSB 7B, MSB 52D, MSB 70C, MSB 79C, MSB 82B, MSB 82C
Selenium	MSB 18A, MSB 18B, MSB 58D
Silica	FSB 94C, FSB 97C, FSB 97D, FSB 98A, FSB 98D, HAC 4, IDQ 5, MSB 1C, MSB 85TA
Silver	AMB 9D, BG 107, BGO 10C, FSB 98D, HSB 85A, HSB112C, HSB142C, MSB 36A, MSB 38C, MSB 44B, MSB 52B, MSB 66TA, MSB 69D, MSB 72B

Table 8. General Engineering Samples With High Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Sodium	BGO 14D, BGO 28D, BGO 30D, BGO 32D, FSB 97D, IDQ 10, LFW 10A, LFW 16, LFW 28, LFW 35, MSB 7B, MSB 52D, PSS 1D, XSB 3A
Specific conductance	ASB 3C, BRD 4, FSB120A, FSB123C, HSB112E, HSB113D, HSB127D, HSB129D, HSB139C, IDQ 12, LFW 22, MSB 7B, MSB 7C, MSE 71B, MSB 77D, MSB 82A, MSB 82C, MSB 83D, XSB 3A
Sulfate	FCB 2, FNB 2, FNB 3, FSB 77, FSB 78, FSB 78C, FSB 79, FSB 88D, FSB 89D, FSB 90D, FSB 92D, FSB 94C, FSB 95CR, FSB 95DR, FSB 97C, FSB 97D, FSB 98C, FSB 98D, FSB 99D, FSB104D, FSB105C, FSB105DR, FSB106C, FSB110D, FSB112C, FSB112D, FSB117D, FSB119D, HAC 2, HSB 67, HSB 68, HSB 69, HSB 84D, HSB102D, HSB103D, HSB104D, HSB105D, HSB106D, HSB108D, HSB109D, HSB110D, HSB111E, HSB113C, HSB113D, HSB114C, HSB114D, HSB116C, HSB116D, HSB129D, HSB134D, HSB136D, HSB138D, HSB141C, IDQ 12, LFW 27, LFW 28, LFW 29, LFW 30, LFW 33, LFW 37, LFW 38, MSB 12TB, MSB 35TA, MSB 36A, MSB 36C, MSB 38TA, MSB 40A, MSB 49A, MSB 55B, MSB 82A, TBG 5A, YSB 4A
Tetrachloroethylene	BGO 1D, BGO 27C, CMP 12B, CMP 16B, FSB 88D, FSB 95DR, HSB107D, MSB 5C, MSB 6B, MSB 26B
Tin	BGO 33C
Toluene	HSB114C, HSB114D, LFW 22, MSB 4C
Total carbon	IDP 3C, IDP 9, IDQ 12
Total dissolved solids	AC 1A, AC 1B, AC 2A, AC 2B, AC 3A, AC 3B, FSB122D, HMD 4D, MSB 7B, MSB 26, MSB 26B, MSB 45B, MSB 48C, MSB 53C, MSB 54B, MSB 54D, MSB 54TA, MSB 56D, MSB 60D, MSB 61D, MSB 62D, MSB 63B, MSB 71B, SCA 3, XSB 3A
Total inorganic carbon	IDP 3C, IDP 9, IDQ 12
Total organic carbon	CMP 8, CMP 8A, CMP 8B, CMP 10B, CMP 15C, FSB111D, FSB119D, FSB120D, HSB 71C, HSB 85A, HSB133D, KAC 2, LFW 22, LFW 31, MSB 2B, MSB 37B, MSB 45B, MSB 50D, MSB 54TA, MSB 64C, MSB 71B, PAC 3, TBG 3, XSB 1D, XSB 3A, XSB 4D, XSB 5A, YSB 2A, YSB 3A
Total organic halogens	ABP 1A, AC 1B, AMB 10D, ASB 1A, ASB 3A, ASB 3C, ASB 5A, BGO 2D, BGO 6C, BGO 6D, BGO 7D, BGO 9D, BGO 10A, BGO 16A, BGO 18A, BGO 21D, BGO 22D, BGO 25A, BGO 26D, BGO 34D, BGO 35C, BGO 36D, BGO 37D, BGO 38D, BRD 4, BRD 5D, CBR 3D, CMP 8, CMP 11B, CMP 13B, FAC 6, FAC 7, FAC 8, FCB 2, FCB 4, FSB 77, FSB 79, FSB 79A, FSB 87B, FSB 88D, FSB 92D, FSB103C, FSB110C, FSB111C, FSB111D, FSB120A, FSB121C, FSB122C, FSB122D, HAC 1, HAC 4, HMD 3D, HSB 65, HSB 65C, HSB 71C, HSB 83B, HSB103D, HSB111E, HSB114C, HSB129C, HSB134D, KAC 4, LFW 30, LFW 31, LFW 33, LFW 37, LFW 38, MSB 17D, MSB 26B, MSB 35A, MSB 35B, MSB 42TA, MSB 44A, MSB 44C, MSB 48TA, MSB 55HC, MSB 55TA, MSB 58D, MSB 73B, MSB 75B, MSB 75C, MSB 82A, MSB 83C, P 26A, PAC 1, SCA 3A, SCA 4A, TBG 5A, TNX 1D, XSB 1A, XSB 3A, YSB 1A, YSB 3A
Total phosphates (as P)	BGO 18D, FSB103C, HMD 4D, IDQ 10, MCB 6, MSB 14B, MSB 78D, MSB 81B, P 28TC
2,4,5-TP (Silvex)	LFW 6
1,1,1-Trichloroethane	PSB 5A
1,1,2-Trichloroethane	FSB 78C, LFW 37, MSB 2C
Trichloroethylene	ASB 6TA, BGO 1D, BGO 27C, CMP 12, LFW 22, MSB 3D, MSB 82A, MSB 85TA, XSB 3A

Table 8. General Engineering Samples With High Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Trichlorofluoromethane	CSD 13D, MSB 29A, MSB 29C, MSB 36A
Turbidity	BGO 8C, BGO 8D, BGO 39D, HSB 85B, KAC 2
Uranium	FSB 97D
Vanadium	HSB141D
Xylenes	LFW 22
Zinc	BG 101, BG 122, FSB 79A, FSB 87C, FSB 96AR, FSB114A, FSB115C, HSB106C, HSB147D, LFW 22, LFW 38, MSB 6C, MSB 7C, MSB 58D, MSB 64C
Gross alpha	BG 59, FSB 94DR, FSB 95CR, HSB101D, HSB139C, LFW 30, LSB 4, SCA 3, TNX 3D
Nonvolatile beta	AMB 8D, AMB 10DD, BG 59, BG 110, FSB105C, FSB113C, FSB122D, FSS 4D, HSB 69A, HSB113D, HSB115C, LSB 1, LSB 4, MSB 13CC, MSB 34TB, MSB 63B, MSB 71B, MSB 79C, SCA 3, TNX 3D
Total radium	AC 2A, AMB 4, BG 52, BG 55, BG 60, FAC 3, FCA 16D, FSB 76, FSB 78, FSB 79, FSB 94DR, FSB 95DR, FSB 98D, FSB110D, FSS 4D, HCA 3, HMD 4D, HSB 68, HSB 69, HSB101D, HSB102D, HSB105D, HSB106D, HSB107D, HSB108D, HSB109D, HSB113D, HSB116D, HSB134D, HSB136D, HSB137C, HTF 7, LFW 10A, LFW 27, MSB 48C, MSB 72B, P 26B, SCA 3, TNX 6D, XSB 3A
Tritium	AC 1A, AC 1B, AC 2A, BG 55, BG 67, BG 91, BG 122, BGO 7D, BGO 10C, BGO 11D, BGO 14D, CDB 1, FAL 2, FSB122D, HMD 1D, HSB141C, IDB 9, LCO 3, LFW 16, LFW 17, LSB 1, MSB 13CC, MSB 17D, MSB 26B, MSB 31CC, MSB 44C, MSB 46A, MSB 48A, MSB 48TA, MSB 52B, MSB 53B, MSB 55HC, MSB 55TA, MSB 61D, MSB 62B, MSB 62C, MSB 62D, MSB 63B, MSB 64C, MSB 64D, MSB 69C, MSB 70C, MSB 82A, MSB 82C, MSB 83C, MSB 84C, MSB 85TA, MSB 86C, TNX 6D, YSC 1C, YSC 2A, YSC 5A

A technical review of the quarter's analytical data identified at least one result of the analyses in Table 9 as low in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 9. General Engineering Samples With Low Analytical Results as Compared to Historical Data

Analyte	Wells
Aluminum	FSB116D, HSB 85B, HSB111E, HSB130C, HSB130D, MSB 5C, MSB 62D
Arsenic	FSB110D
Barium	BGO 14C, BGO 28D, BGO 33C, MSB 55HC, MSB 62D
Calcium	DCB 6, DCB 7, FSB 93D, FSB 98D, HMD 2D, HSB141C, IDB 10, MSB 13CC, MSB 62D, MSB 79B, MSB 79C, MSB 82A
Carbon tetrachloride	TBG 3
Chloride	FCB 2, FSB 97A, KAC 1, MSB 12TA, MSB 12TB, MSB 71B, MSB 79B
Chloroform	ASB 6TA, LFW 38
Chromium	FSB 93D, MSB 62D, MSB 79B
Copper	BGO 36D, FCB 3, FCB 4, FSB 93D, HSB 70
Dibromochloromethane	LFW 37
1,4-Dichlorobenzene	LFW 36
trans-1,2-Dichloroethene	BGO 15D, BGO 28D, BGO 30D, BGO 31D, LFW 18, LFW 36, LFW 37, LFW 38

Table 9. General Engineering Samples With Low Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Dichloromethane (Methylene chloride)	MSB 77B
Ethylbenzene	FSB112D
Fluoride	LFW 10A
Iron	ABP 1A, ABP 2A, ABP 3C, AC 2B, AMB 11D, ASB 1A, ASB 3C, ASB 7, ASB 8, ASB 9B, ASB 9C, ASB 10C, BG 108, BG 121, BGO 1D, BGO 8C, BGO 12D, BGO 22D, BGO 25A, BGO 27C, BGO 28D, BGO 30D, BRD 4, BRD 5D, FAC 3, FAC 6, FAC 7, FAC 8, FCB 4, FSB102C, FSB107C, FSB110C, FSB114C, FSB118D, HSB 85A, HSB129D, HSB130C, HSB133D, HSB134D, HSB138D, HSB143C, HSB148C, IDB 2B, IDB 4, IDP 1, IDP 2, IDP 3B, IDP 3C, IDP 7, IDP 9, IDQ 6, IDQ 11, KAC 1, KAC 2, KAC 4, KAC 5, MCB 6C, MSB 3B, MSB 6C, MSB 8B, MSB 31CC, MSB 35B, MSB 42C, MSB 44B, MSB 46B, MSB 48C, MSB 48TA, MSB 55C, MSB 55HC, MSB 59D, MSB 61C, MSB 63B, MSB 63C, MSB 71B, MSB 74C, MSB 74D, MSB 75C, MSB 77TA, MSB 78D, MSB 83C, SCA 4, TBG 1, TBG 7, YSB 3A, YSB 4A
Lead	FSB 97C, HSB 1TB, LFW 40, LFW 41, MSB 42C, PDB 3
Magnesium	BGO 28D, BGO 30D, BGO 32D, BGO 33C, DCB 7, KAC 1, MSB 55HC, MSB 71B
Manganese	BGO 28D, BGO 30D, BGO 32D, IDB 10, LFW 7
Mercury	ASB 9C, BG 67, FSB 89D
Nickel	YSB 3A
Nitrate as nitrogen	BG 101, FSB 76C, FSB 89D, FSB 91D, FSB104D, HSB 71C, HSB 86D, HSB102D, HSB125D, HSB136C, HSB136D, KAC 3, KAC 7, LFW 8, MSB 2B, MSB 13D, MSB 14B, MSB 55HC
Potassium	BGO 14C, FSB 93D, MSB 55HC, MSB 62D, MSB 63D
Silica	BGO 6C, BGO 10A, BGO 10C, BGO 12A, BGO 12D, BGO 16D, BGO 25A, BGO 26A, BGO 26D, BGO 29A, BGO 34D, BGO 37D, BGO 38D, BGO 39D, BRD 2, DCB 6, DCB 7, FSB 93D, HSB 1TB, IDP 1, IDP 3C, IDP 9, KAC 6, LFW 6, LFW 7, LFW 8, LFW 19, LFW 23, LFW 24, LFW 26, LFW 27, LFW 28, LFW 39, LFW 40, LFW 41, LFW 42, MSB 55HC, MSB 71B, TBG 7, TNX 6D
Sodium	BGO 14C, BGO 36D, FSB 91D, FSB116D, IDB 10, KAC 1, MSB 55HC, MSB 62D, MSB 71B, MSB 79B
Specific conductance	FSB 88D, FSB 94C, KAC 1, MSB 1C
Sulfate	BGO 16A, IDB 2B, KAC 1, KAC 6, PAC 3, PAC 4, SCA 3A, TNX 6D
Tetrachloroethylene	ABP 3C, LFW 39, MCB 2, MCB 4, MCB 5C, MSB 36C
Toluene	MSB 77D
Total dissolved solids	FSB112D, HSB134D, HSB136D, HSB150D, IDB 1C, KAC 1, KAC 7, MSB 32, MSB 34C, MSB 34TA, MSB 34TB, MSB 38TA, MSB 42B, MSB 44B, MSB 58D, MSB 71B, MSB 75C
Total organic carbon	FSB 94DR, HSB123A, LFW 7
Total organic halogens	ABP 3C, BGO 30D, BGO 31D, HSB143C, MSB 2C, MSB 4C, MSB 5B, MSB 7B, MSB 15AA, MSB 21B, MSB 23B, MSB 32, MSB 34C, MSB 34TA, MSB 77TA
Total phosphates (as P)	BGO 27C, BGO 36D, CSD 1D, CSD 8D, CSD 13D, FSB 87B, FSB 94DR, FSB 95DR, FSB 98D, FSB114A, FSB115C, FSB115D, FSB116D, FSB119D, FSB120A, HSB112E, HSB135C, KAC 3, MSB 71B, MSB 77D, MSB 85B, TNX 5D, TNX 6D, YSB 4A
1,1,1-Trichloroethane	FSB112C, FSB112D, HSB108C

Table 9. General Engineering Samples With Low Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Trichloroethylene	ABP 2A, ABP 3, ABP 3C, ABP 4, FNB 1, FNB 2, MCB 2, MCB 4, MCB 5C, MCB 7C, MSB 4B, MSB 26B, MSB 36C, MSB 77C, TBG 1, TNX 10D, XSB 5A
Trichlorofluoromethane	LFW 10A, LFW 16, LFW 22
Turbidity	BGO 14C, BGO 21D, BGO 30D, BGO 32D, BGO 38D, FAC 3, FAC 5, HSB 65
Uranium	FSB119D
Zinc	ASB 3A, ASB 3C, ASB 6A, ASB 8, ASB 8A, ASB 9C, BRD 4, HSB138D, IDB 1C, IDB 10, LFW 29, LFW 37, MCB 5C, MSB 13CC, MSB 62D, MSB 63D
Gross alpha	FCA 9D, FSB 78, FSB 79C, FSB 91C, FSB 91D, FSB102C, FSB105C, FSB106C, FSB112D, FSB116D, HSB 67, HSB 68, HSB 69, HSB 84D, HSB 86D, HSB104D, HSB105D, HSB106D, HSB107D, HSB108D, HSB113D, HSB114D, HSB116C, HSB116D, LFW 7
Nonvolatile beta	FSB 79C, FSB106D, FSB115D, HSB 71, HSB 86D, HSB106D, HSB116C, MSB 1C, MSB 2B, MSB 7B, MSB 62D, MSB 77D, MSB 79B
Total radium	FSB 79C, FSB89D, HSB86C, HSB86D, HSB114C, HSB114D, HSB115D, HSB116C, LFW 34, LFW 40, MSB 82B
Tritium	BGO 9D, BGO 35D, FSB 88C, FSB102C, FSB115D, HSB 70, HSB138D, HSB142D, HSB149D, MSB 3C

Table 10 lists the reasons General Engineering did not perform certain analyses on samples from wells that were not dry.

Table 10. Analyses Not Performed by General Engineering

Wells	Analytes	Reason
ABP 1A, ABP 2A, ABP 3, ABP 4, ABP 8C, MCB 6, MCB 6C, MCB 7C, MSB 29A, MSB 29B, MSB 29C, MSB 29D, MSB 29TA, MSB 43A, MSB 43B, MSB 43D, MSB 43TA	Sodium	Omitted from chains of custody
ABP 8C, MCB 6	Appendix IX acid and base/neutral extractables, PCBs, pesticides, herbicides, and dioxins and furans	Insufficient water for complete sample collection
AMB 4, FSB 97D, FSB106D	Herbicides/pesticides	Insufficient water for complete sample collection
ASB 8TA	Total dissolved solids	Laboratory error
BG 107, HAC 1	Nitrate as nitrogen	Laboratory error
BGO 8D, HAC 3	Chloride, sulfate	Laboratory error
BGO 13D	Acetophenone, herbicides, pesticides	Insufficient water for complete sample collection

Table 10. Analyses Not Performed by General Engineering (cont.)

Wells	Analytes	Reason
BGO 14D	Acetophenone, herbicides, naphthalene, pesticides, gross alpha, nonvolatile beta, total radium	Insufficient water for complete sample collection
BGX 2B	All scheduled analyses other than GCMS VOA, total organic carbon, and total organic halogens	Insufficient water for complete sample collection
ERA101P	Potassium, sodium	Insufficient sample
FAC 6 (sample of 4/4/91)	Some BNA constituents, chloride, fluoride, herbicides, nitrate as nitrogen, nitrite as nitrogen, pH, phenols, radiological parameters, specific conductance, sulfate, total dissolved solids, total organic carbon, total organic halogens, total phosphates, turbidity	Insufficient water for complete sample collection
FCA 2C	Nitrate as nitrogen, gross alpha, nonvolatile beta, total radium, tritium	Insufficient water for complete sample collection
FSB 92C	All scheduled analyses	No pump in well; cannot be bailed in one day
HSB119A	Total silica	Laboratory error
IDP 4	Alkalinity as $CaCO_3$, chloride, fluoride, specific conductance, total dissolved solids, gross alpha, novolatile beta, tritium	Insufficient water for complete sample collection
LFW 21, LFW 22, LFW 29, LFW 30, LFW 36, LFW 37, LFW 38	Aluminum, sodium	Omitted from chains of custody
LFW 21, LFW 22	Appendix IX pesticides and PCBs	Laboratory error
MSB 13B	Specific conductance, chloride, pH, sulfate, total phosphates	Insufficient water for complete sample collection
MSB 48D	Chloride, fluoride, pH, specific conductance, sulfate, total dissolved solids, total phosphates, gross alpha, nonvolatile beta, total radium, tritium	Insufficient water for complete sample collection
MSB 52D	Chloride, fluoride, nitrate, pH, phenols, specific conductance, sulfate, total dissolved solids, total organic carbon, total organic halogens, total phosphates, gross alpha, nonvolatile beta, total radium, tritium	Insufficient water for complete sample collection

Table 11 lists the analyses not performed by EcoTek Analytical Services.

Table 11. Analyses Not Performed by EcoTek Analytical Services

Wells	Analytes	Reason
BGO 1D, BGO 2 D, BGO 6A, BGO 6C, BGO 6D, BGO 7D, BGO 9D, BGO 10A, BGO 10C, BGO 11D, BGO 12A, BGO 12D, BGO 15D, BGO 25A, BGO 26A, BGO 26D, BGO 27C, BGO 29A, BGO 35C	Acetophenone	Error in General Engineering's communication with EcoTek as subcontractor

Review of the M-Area Laboratory Analytical Data

A technical review of the quarter's analytical data identified the analyses in Table 12 as high in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 12. M-Area Laboratory Samples With High Analytical Results as Compared to Historical Data

Analyte	Wells
Chloroform	MSB 21B
trans-1,2-Dichloroethene	MSB 26B, MSB 31CC
Tetrachloroethylene	MSB 23B, MSB 26A
Trichloroethylene	ASB 6TA, MSB 23TA, SRW 14B

A technical review of the quarter's analytical data identified the analyses for chloroform from MSB 37C and SRW 11, for tetrachloroethylene from RWM 11 and SRW 11, and for trichloroethylene from SRW 14A, as low in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

The M-Area Laboratory did not perform GC VOA analyses on well MSB 52D because there was insufficient water for sample collection.

Review of the EPD/EMS Laboratory Radioactive Analytical Data

A technical review of the quarter's radioactive results identified the analysis for total activity for the sample from well FSB106C as being high in comparison to historical data. A review of the EPD/EMS Laboratory records did not reveal any problems with the analysis.

A technical review of the quarter's radioactive results identified the analyses in Table 13 as low in comparison to historical data. A review of the EPD/EMS Laboratory records did not reveal any problems with the analyses.

Table 13. EPD/EMS Laboratory Samples With Low Analytical Results as Compared to Historical Data

Analyte	Wells
Tritium	KSB 1, KSB 4A
Total activity	BGO 31D, BGO 35D, FSB 79C, FSB 87C, FSB 89D, FSB 94C, HSB 86C, HSB 86D, HSB102D, HSB106D, HSB114C, HSB114D, HSB115C, HSB115D, HSB116C, HSB116D, KSB 1, KSB 4A

The EPD/EMS Laboratory did not perform gamma PHA analyses on sample KSB 1 due to laboratory error.

ANALYTICAL METHODS

Laboratories performed analyses using the EPA methods listed in Table 14, with the following exceptions:

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

The M-Area Laboratory at SRS analyzes certain wells in the A/M Areas for chloroform, tetrachloroethylene, trans-1,2-dichloroethene, 1,1-dichloroethylene, trichloroethylene, and 1,1,1-trichloroethane by EPA methods 601 (Gas Chromatography) and 624 (Gas Chromatography/Mass Spectrometry).

For each method and analyte, the detection limit given is equal to or higher than the detection limit used for at least 90% of the analyses.

If more than one analytical method is listed for one analyte, the methods are listed in descending order according to which method was used most often. Generally, the method listed first was used for at least half of the analyses.

Table 14. Methods and Detection Limits Used by General Engineering and EcoTek

	GE		ET	
Analyte	Method	Detection Limit	Method	Detection Limit
Acenaphthene	8270	10 µg/L	–	–
Acenaphthylene	8270	10 µg/L	–	–
Acetone	8240	1 µg/L	–	–
Acetonitrile (Methyl cyanide)	8240	100 µg/L	–	–
Acetophenone	8270	10 µg/L	8270	10 µg/L
2-Acetylaminofluorene	8270	10 µg/L	8270	10 µg/L
Acrolein	8240	20 µg/L	–	–
Acrylonitrile	8240	20 µg/L	–	–
Aldrin	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
Alkalinity as $CaCO_3$	310.1	1 mg/L	–	–
Allyl chloride	8240	50 µg/L	–	–
Aluminum	6010	20 µg/L	–	–
4-Aminobiphenyl	8270	10 µg/L	8270	10 µg/L
Aniline	8270	10 µg/L	8270	10 µg/L

– Not analyzed or no detection limit.

Table 14. Methods and Detection Limits Used by General Engineering and EcoTek (cont.)

Analyte	GE Method	GE Detection Limit	ET Method	ET Detection Limit
Anthracene	8270	10 µg/L	8270	10 µg/L
Antimony	7041	2 µg/L	–	–
	6010	2 µg/L		
Aramite	8270	10 µg/L	8270	10 µg/L
Arsenic	7060	2 µg/L	7060	5 µg/L
Barium	6010	3 µg/L	–	–
Benzene	8240	1 µg/L	–	–
alpha-Benzene hexachloride	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
beta-Benzene hexachloride	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
delta-Benzene hexachloride	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
Benzidine	8270	10 µg/L	8270	10 µg/L
Benzo[*a*]anthracene	8270	10 µg/L	8270	10 µg/L
Benzo[*b*]fluoranthene	8270	10 µg/L	8270	10 µg/L
Benzo[*k*]fluoranthene	8270	10 µg/L	8270	10 µg/L
Benzo[*a*]pyrene	8270	10 µg/L	8270	10 µg/L
Benzo[*g,h,i*]perylene	8270	10 µg/L	8270	10 µg/L
Benzyl alcohol	8270	10 µg/L	8270	10 µg/L
Beryllium	6010	5 µg/L	–	–
Bis(chloromethyl)ether	8270	10 µg/L	–	–
Bis(chloromethyl-ethyl)ether	8240	10 µg/L	–	–
Bis(2-chloroethoxy) methane	8270	10 µg/L	8270	10 µg/L
Bis(2-chloroethyl) ether	8270	10 µg/L	8270	10 µg/L
Bis(2-chloroisopropyl) ether	8270	10 µg/L	8270	10 µg/L
Bis(2-ethylhexyl) phthalate	8270	10 µg/L	8270	10 µg/L
Bromide	300.0	1000 µg/L	–	–
Bromodichloromethane	8240	1 µg/L	–	–
Bromoform	8240	1 µg/L	–	–
Bromomethane (Methyl bromide)	8240	1 µg/L	–	–
4-Bromophenyl phenyl ether	8270	10 µg/L	8270	10 µg/L
Butylbenzyl phthalate	8270	10 µg/L	8270	10 µg/L
2-sec-Butyl-4,6-dinitrophenol	8270	10 µg/L	8270	10 µg/L
Cadmium	6010	2 µg/L	–	–
Calcium	6010	10 µg/L	–	–
Carbon disulfide	8240	1 µg/L	–	–
Carbon tetrachloride	8240	1 µg/L	–	–
	8010	1 µg/L		
Carbon 12-labeled 2,3,7,8-TCDD	8280	4.5E−04 µg/L	–	–
Carbon 12-labeled 2,3,7,8-TCDF	8280	4.0E−04 µg/L	–	–
Chlordane	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
Chloride	300.0	250 µg/L	–	–
4-Chloroaniline	8270	10 µg/L	8270	10 µg/L
Chlorobenzene	8240	1 µg/L	–	–
Chlorobenzilate	8270	10 µg/L	8270	10 µg/L
para-Chloro-meta-cresol	8270	10 µg/L	8270	10 µg/L
Chloroethane	8240	1 µg/L	–	–
Chloroethene (Vinyl chloride)	8240	1 µg/L	–	–

– Not analyzed or no detection limit.

Table 14. Methods and Detection Limits Used by General Engineering and EcoTek (cont.)

Analyte	GE Method	GE Detection Limit	ET Method	ET Detection Limit
2-Chloroethyl vinyl ether	8240	1 µg/L	8270	10 µg/L
	8270	10 µg/L		
Chloroform	8240	1 µg/L	–	–
	8010	1 µg/L		
Chloromethane (Methyl chloride)	8240	1 µg/L	–	–
2-Chloronaphthalene	8270	10 µg/L	8270	10 µg/L
2-Chlorophenol	8270	10 µg/L	8270	10 µg/L
4-Chlorophenyl phenyl ether	8270	10 µg/L	8270	10 µg/L
Chloroprene	8240	200 µg/L	–	–
Chromium	6010	4 µg/L	–	–
Chrysene	8270	10 µg/L	8270	10 µg/L
Cobalt	6010	4 µg/L	–	–
Copper	6010	4 µg/L	–	–
m-Cresol (3-Methylphenol)	8270	10 µg/L	8270	10 µg/L
o-Cresol (2-Methylphenol)	8270	10 µg/L	8270	10 µg/L
p-Cresol (4-Methylphenol)	8270	10 µg/L	8270	10 µg/L
Cyanide	9012	5 µg/L	–	–
p,p'-DDD	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
p,p'-DDE	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
p,p'-DDT	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
Diallate	8270	10 µg/L	8270	10 µg/L
Dibenz[*a,h*]anthracene	8270	10 µg/L	8270	10 µg/L
Dibenzofuran	8270	10 µg/L	8270	10 µg/L
Dibromochloromethane	8240	1 µg/L	–	–
1,2-Dibromo-3-chloropropane	8240	1.0 µg/L	–	–
Dibromomethane (Methylene bromide)	8240	10 µg/L	–	–
1,2-Dibromoethane	8240	20 µg/L	–	–
Di-n-butyl phthalate	8270	10 µg/L	8270	10 µg/L
1,2-Dichlorobenzene	8270	10 µg/L	8270	10 µg/L
1,3-Dichlorobenzene	8270	10 µg/L	8270	10 µg/L
1,4-Dichlorobenzene	8270	10 µg/L	8270	10 µg/L
3,3'-Dichlorobenzidine	8270	10 µg/L	8270	10 µg/L
trans-1,4-Dichloro-2-butene	8240	30 µg/L	–	–
Dichlorodifluoromethane	8240	1 µg/L	–	–
1,1-Dichloroethane	8240	1 µg/L	–	–
1,2-Dichloroethane	8240	1 µg/L	–	–
trans-1,2-Dichloroethene	8240	1 µg/L	–	–
1,1-Dichloroethylene	8240	1 µg/L	–	–
1,2-Dichloroethylene	8240	20 µg/L	–	–
Dichloromethane (Methylene chloride)	8240	1 µg/L	–	–
2,4-Dichlorophenol	8270	10 µg/L	8270	10 µg/L
2,6-Dichlorophenol	8270	10 µg/L	8270	10 µg/L
2,4-Dichlorophenoxyacetic acid	8150	0.3 µg/L	–	–
1,2-Dichloropropane	8240	1 µg/L	–	–
cis-1,3-Dichloropropene	8240	1 µg/L	–	–
trans-1,3-Dichloropropene	8240	1 µg/L	–	–

– Not analyzed or no detection limit.

Table 14. Methods and Detection Limits Used by General Engineering and EcoTek (cont.)

Analyte	GE Method	GE Detection Limit	ET Method	ET Detection Limit
Dieldrin	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
Diethyl phthalate	8270	10 µg/L	8270	10 µg/L
Dimethoate	8270	10 µg/L	8270	10 µg/L
p-Dimethylaminoazobenzene	8270	10 µg/L	8270	10 µg/L
7,12-Dimethylbenz(a)anthracene	8270	10 µg/L	8270	10 µg/L
3,3'-Dimethylbenzidine	8270	10 µg/L	8270	10 µg/L
a,a-Dimethylphenethylamine	8270	10 µg/L	8270	10 µg/L
2,4-Dimethyl phenol	8270	10 µg/L	8270	10 µg/L
Dimethyl phthalate	8270	10 µg/L	8270	10 µg/L
1,3-Dinitrobenzene	8270	10 µg/L	8270	10 µg/L
2,4-Dinitrophenol	8270	45 µg/L	8270	45 µg/L
2,4-Dinitrotoluene	8270	10 µg/L	8270	10 µg/L
2,6-Dinitrotoluene	8270	10 µg/L	8270	10 µg/L
Di-n-octyl phthalate	8270	10 µg/L	8270	10 µg/L
1,4-Dioxane	8270	10 µg/L	8270	10 µg/L
Diphenylamine	8270	10 µg/L	8270	10 µg/L
1,2-Diphenylhydrazine	8270	10 µg/L	8270	10 µg/L
Dissolved organic carbon	9060	1000 µg/L	–	–
Disulfoton	8270	10 µg/L	8270	10 µg/L
alpha-Endosulfan	8270	10 µg/L	–	–
beta-Endosulfan	8270	10 µg/L	–	–
Endosulfan I	8080	0.5 µg/L	8270	10 µg/L
Endosulfan II	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
Endosulfan sulfate	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
Endrin	8080	0.006 µg/L	8270	10 µg/L
	8270	10 µg/L		
Endrin aldehyde	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
Ethylbenzene	8240	1 µg/L	–	–
Ethyl methacrylate	8270	10 µg/L	8270	10 µg/L
Ethyl methanesulfonate	8270	10 µg/L	8270	10 µg/L
Famphur	8270	10 µg/L	8270	10 µg/L
Fluoranthene	8270	10 µg/L	8270	10 µg/L
Fluorene	8270	10 µg/L	8270	10 µg/L
Fluoride	340.1	100 µg/L	–	–
Heptachlor	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
Heptachlor epoxide	8080	0.5 µg/L	8270	10 µg/L
	8270	10 µg/L		
Heptachlorodibenzo-p-dioxin isomers	8280	6.5E-04 µg/L	–	–
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8280	6.5E-04 µg/L	–	–
Heptachlorodibenzo-p-furan isomers	8280	4.5E-04 µg/L	–	–
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	8280	4.5E-04 µg/L	–	–
Hexachlorobenzene	8270	10 µg/L	8270	10 µg/L
Hexachlorobutadiene	8270	10 µg/L	8270	10 µg/L

– Not analyzed or no detection limit.

Table 14. Methods and Detection Limits Used by General Engineering and EcoTek (cont.)

Analyte	GE Method	GE Detection Limit	ET Method	ET Detection Limit
Hexachlorocyclopentadiene	8270	10 µg/L	8270	10 µg/L
Hexachlorodibenzo-p-dioxin isomers	8280	4.5E-04 µg/L	–	–
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8280	4.5E-04 µg/L	–	–
Hexachlorodibenzo-p-furan isomers	8280	4.0E-04 µg/L	–	–
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	8280	4.0E-04 µg/L	–	–
Hexachloroethane	8270	10 µg/L	8270	10 µg/L
Hexachlorophene	8270	10 µg/L	8270	10 µg/L
Hexachloropropene	8270	10 µg/L	8270	10 µg/L
2-Hexanone	8240	1 µg/L	–	–
Indeno[1,2,3-*c*,*d*]pyrene	8270	10 µg/L	8270	10 µg/L
Iodine	415	100 µg/L	–	–
Iodomethane (Methyl iodide)	8240	15 µg/L	–	–
Iron	6010	4 µg/L	–	–
Isobutyl alcohol	8240	100 µg/L	–	–
Isodrin	8270	10 µg/L	8270	10 µg/L
Isophorone	8270	10 µg/L	8270	10 µg/L
Isosafrole	8270	10 µg/L	8270	10 µg/L
Kepone	8270	10 µg/L	8270	10 µg/L
Lead	7421	3 µg/L	7421	3 µg/L
Lindane (gamma-Benzene hexachloride)	8080	0.005 µg/L	8270	10 µg/L
	8270	10 µg/L		
Lithium	6010	5 µg/L	–	–
Magnesium	6010	2 µg/L	–	–
Manganese	6010	2 µg/L	–	–
Mercury	7470	0.2 µg/L	–	–
Methacrylonitrile	8240	50 µg/L	–	–
Methapyrilene	8270	10 µg/L	8270	10 µg/L
Methoxychlor	8080	0.5 µg/L	–	
3-Methylcholanthrene	8270	10 µg/L	8270	10 µg/L
2-Methyl-4,6-dinitrophenol	8270	50 µg/L	8270	50 µg/L
Methyl ethyl ketone	8240	10 µg/L	–	–
Methyl isobutyl ketone	8240	1 µg/L	–	–
Methyl methacrylate	8270	10 µg/L	8270	10 µg/L
Methyl methanesulfonate	8270	10 µg/L	8270	10 µg/L
2-Methylnaphthalene	8270	10 µg/L	8270	10 µg/L
Naphthalene	8270	10 µg/L	8270	10 µg/L
1,4-Naphthoquinone	8270	10 µg/L	8270	10 µg/L
1-Naphthylamine	8270	10 µg/L	8270	10 µg/L
2-Naphthylamine	8270	10 µg/L	8270	10 µg/L
Nickel	6010	4 µg/L	–	–
Nitrate as nitrogen	300.0	50 µg/L	–	–
	353.3	50 µg/L		
Nitrite as nitrogen	300.0	10 µg/L	–	–
2-Nitroaniline	8270	10 µg/L	8270	10 µg/L
3-Nitroaniline	8270	10 µg/L	8270	10 µg/L
4-Nitroaniline	8270	10 µg/L	8270	10 µg/L
Nitrobenzene	8270	10 µg/L	8270	10 µg/L
2-Nitrophenol	8270	10 µg/L	8270	10 µg/L
4-Nitrophenol	8270	10 µg/L	8270	10 µg/L

– Not analyzed or no detection limit.

Table 14. Methods and Detection Limits Used by General Engineering and EcoTek (cont.)

Analyte	GE Method	GE Detection Limit	ET Method	ET Detection Limit
4-Nitroquinoline-1-oxide	8270	10 µg/L	–	–
N-Nitrosodi-n-butylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosodiethylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosodimethylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosodiphenylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosodi-propylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosomethylethylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosomorpholine	8270	10 µg/L	8270	10 µg/L
N-Nitrosopiperidine	8270	10 µg/L	8270	10 µg/L
N-Nitrosopyrrolidine	8270	10 µg/L	8270	10 µg/L
5-Nitro-o-toluidine	8270	10 µg/L	8270	10 µg/L
Octachlorodibenzo-p-dioxin isomers	8280	.001 µg/L	–	–
Octachlorodibenzo-p-furan isomers	8280	.001 µg/L	–	–
Oil & grease	413.1	1000 µg/L	–	–
Parathion	8080	0.5 µg/L	–	–
Parathion methyl	8080	0.5 µg/L	–	–
PCB 1016	8080	0.5 µg/L	8270	150 µg/L
	8270	150 µg/L		
PCB 1221	8080	0.5 µg/L	8270	150 µg/L
	8270	150 µg/L		
PCB 1232	8080	0.5 µg/L	8270	150 µg/L
	8270	150 µg/L		
PCB 1242	8080	0.5 µg/L	8270	150 µg/L
	8270	150 µg/L		
PCB 1248	8080	0.5 µg/L	8270	150 µg/L
	8270	150 µg/L		
PCB 1254	8080	0.5 µg/L	8270	150 µg/L
	8270	150 µg/L		
PCB 1260	8080	0.5 µg/L	8270	150 µg/L
	8270	150 µg/L		
Pentachlorobenzene	8270	10 µg/L	8270	10 µg/L
Pentachlorodibenzo-p-dioxin isomers	8280	5.5E – 04 µg/L	–	–
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	8280	5.5E – 04 µg/L	–	–
Pentachlorodibenzo-p-furan isomers	8280	5.5E – 04 µg/L	–	–
1,2,3,7,8-Pentachlorodibenzo-p-furan	8280	5.5E – 04 µg/L	–	–
Pentachloroethane	8270	10 µg/L	8270	10 µg/L
Pentachloronitrobenzene	8270	10 µg/L	8270	10 µg/L
Pentachlorophenol	8270	10 µg/L	8270	10 µg/L
pH	150.1	–	–	–
Phenacetin	8270	10 µg/L	8270	10 µg/L
Phenanthrene	8270	10 µg/L	8270	10 µg/L
Phenol	8270	10 µg/L	8270	10 µg/L
Phenols	420.1	5 µg/L	–	–
p-Phenylenediamine	8270	10 µg/L	8270	10 µg/L
Phorate	8080	0.5 µg/L	–	–
2-Picoline	8270	10 µg/L	8270	10 µg/L
Potassium	6010	500 µg/L	–	–
Pronamid	8270	10 µg/L	8270	10 µg/L
Propionitrile	8240	200 µg/L	–	–
Pyrene	8270	10 µg/L	8270	10 µg/L

– Not analyzed or no detection limit.

Table 14. Methods and Detection Limits Used by General Engineering and EcoTek (cont.)

Analyte	GE Method	GE Detection Limit	ET Method	ET Detection Limit
Pyridine	8270	10 µg/L	8270	10 µg/L
Safrole	8270	10 µg/L	8270	10 µg/L
Selenium	7740	2 µg/L	7740	5 µg/L
Silica	6010	100 µg/L	–	–
Silver	6010	2 µg/L	–	–
Sodium	6010	10 µg/L	–	–
Specific conductance	120.1	1 µS/cm	–	–
Styrene	8240	1 µg/L	–	–
Sulfate	300.0	1000 µg/L	–	–
Sulfide	9030	1000 µg/L	–	–
Sulfotepp	8270	10 µg/L	8270	10 µg/L
1,2,4,5-Tetrachlorobenzene	8270	10 µg/L	8270	10 µg/L
Tetrachlorodibenzo-p-dioxin isomers	8280	4.5E-04 µg/L	–	–
Tetrachlorodibenzo-p-furan isomers	8280	4.0E-04 µg/L	–	–
1,1,1,2-Tetrachloroethane	8240	1 µg/L	–	–
1,1,2,2-Tetrachloroethane	8240	1 µg/L	–	–
Tetrachloroethylene	8240	1 µg/L	–	–
	8010	1 µg/L		
2,3,4,6-Tetrachlorophenol	8270	10 µg/L	8270	10 µg/L
Thallium	7841	2 µg/L	7841	2 µg/L
Thionazin	8270	10 µg/L	8270	10 µg/L
Tin	282.2	2 µg/L	–	–
	6010	2 µg/L		
Toluene	8240	1 µg/L	–	–
o-Toluidine	8270	10 µg/L	8270	10 µg/L
Total carbon	9060	1000 µg/L	–	–
Total dissolved solids	160.1	1000 µg/L	–	–
Total inorganic carbon	9060	1000 µg/L	–	–
Total organic carbon	415.1	1000 µg/L	–	–
Total organic halogens	9020	5 µg/L	–	–
Total petroleum hydrocarbons	418.1	1000 µg/L	–	–
Total phosphates (as P)	365.2	50 µg/L	–	–
Total silica	6010	100 µg/L	–	–
Toxaphene	8080	0.24 µg/L	8270	10 µg/L
	8270	10 µg/L		
2,4,5-TP (Silvex)	8150	0.09 µg/L	–	–
Tributyl phosphate	8270	10 µg/L	–	–
1,2,4-Trichlorobenzene	8270	10 µg/L	8270	10 µg/L
1,1,1-Trichloroethane	8240	1 µg/L	–	–
	8010	1 µg/L		
1,1,2-Trichloroethane	8240	1 µg/L	–	–
Trichloroethylene	8240	1 µg/L	–	–
	8010	1 µg/L		
Trichlorofluoromethane	8240	1 µg/L	–	–
2,4,5-Trichlorophenol	8270	10 µg/L	8270	10 µg/L
2,4,6-Trichlorophenol	8270	10 µg/L	8270	10 µg/L
2,4,5-Trichlorophenoxyacetic acid	8150	.09 µg/L	–	–
1,2,3-Trichloropropane	8240	20 µg/L	–	–
O,O,O-Triethyl phosphorothioate	8270	10 µg/L	8270	10 µg/L

– Not analyzed or no detection limit.

Table 14. Methods and Detection Limits Used by General Engineering and EcoTek (cont.)

Analyte	GE Method	GE Detection Limit	ET Method	ET Detection Limit
1,3,5-Trinitrobenzene	8270	10 µg/L	8270	10 µg/L
Turbidity	180.1	0.1 NTU	–	–
Uranium	6010	1000 µg/L	–	–
Vanadium	6010	10 µg/L	–	–
Vinyl acetate	8240	1 µg/L	–	–
Xylenes	8240	1 µg/L	8240	5 µg/L
Zinc	6010	2 µg/L	–	–
Gross alpha	900.0	2E – 09 µCi/mL	–	–
Nonvolatile beta	900.0	2E – 09 µCi/mL	–	–
Total radium	900.1	1E – 09 µCi/mL	–	–
Tritium	906.0	7E – 08 µCi/mL	–	–
Uranium	908.0	1E – 09 µCi/L	–	–

– Not analyzed or no detection limit.

NOTES

7. QUALITY CONTROL SAMPLES

REPLICATE AND DUPLICATE ANALYSES OF SAMPLES

Blind replicate and duplicate samples are analyzed by the primary laboratory, General Engineering (GE), in order to satisfy quality assurance standards. For intralaboratory comparisons, 10% of the samples are generally analyzed in duplicate. In addition, EPD/EMS sends blind replicates of approximately 5% of the total samples to the laboratory for analysis. The results of the blind replicate analyses are also used for intralaboratory comparisons.

The replicate and duplicate analytical results are used to generate Mean Relative Difference (MRD) indexes, which are used along with *t*-test results (Steel and Torrie, 1980) to evaluate a laboratory's performance. All of these results are included in the **Analytical Results** section of this report. Results from duplicate samples are included in the main table for a given well and sample date. Results from analyses of replicate samples, and from any duplicate analyses made on the replicates, are reported in a second table for the same well and sample date.

Table 15 lists the names and sample dates of the wells that were used as blind replicates for General Engineering.

Table 15. Wells Providing Blind Replicate Samples

Well	Sample Date	Well	Sample Date
AC 3A	04/23/91	IDP 1	05/07/91
AOB 2	04/22/91	IDQ 12	05/16/91
ASB 2A	05/03/91	KAC 4	04/26/91
BG 95	05/02/91	LFW 27	04/30/91
BGO 6A	05/06/91	LFW 37	04/29/91
BGO 9D	05/03/91	MSB 8B	04/02/91
BGO 10A	05/07/91	MSB 14B	04/09/91
BGX 4D	06/10/91	MSB 19A	04/03/91
BRD 4	05/24/91	MSB 26B	04/17/91
CBR 3D	05/06/91	MSB 35B	04/05/91
CMP 8	04/29/91	MSB 39B	04/06/91
CSD 9D	05/02/91	MSB 44A	04/23/91
DCB 7	04/25/91	MSB 53B	04/11/91
FCB 2	05/29/91	MSB 63B	04/18/91
FNB 3	05/05/91	MSB 77C	04/08/91
FSB 96AR	04/05/91	P 29C	05/04/91
FSB101A	04/12/91	PAC 2	04/29/91
FSB117D	04/15/91	PRP 4	05/01/91
HSB 69A	04/05/91	TBG 7	05/07/91
HSB120A	04/03/91	TNX 9D	05/03/91
HSB152C	04/10/91	XSB 4D	06/04/91
HSS 2D	05/02/91	YSB 2A	06/03/91
IDB 10	05/21/91	YSC 2A	06/06/91

QUALITY CONTROL SAMPLES

Certain analytes were not present in concentrations above detection limits in any well samples having replicates or duplicates. These analytes are not considered in further evaluation of replicate and duplicate analyses. They are listed in Table 16 with their reference detection limit (RDL), which is the 90th percentile value from the array of detection limits.

Table 16. Analytes Not Showing Measurable Concentrations Above Detection Limits

Analyte	RDL	Number of Analyses
Acenaphthene	10 µg/L	8
Acenaphthylene	10 µg/L	8
Acetonitrile (Methyl cyanide)	100 µg/L	6
Acetophenone	10 µg/L	8
2-Acetylaminofluorene	10 µg/L	4
Acrolein	20 µg/L	6
Acrylonitrile	20 µg/L	6
Aldrin	10 µg/L	16
Allyl chloride	50 µg/L	6
4-Aminobiphenyl	10 µg/L	4
Aniline	10 µg/L	4
Anthracene	10 µg/L	8
Aramite	10 µg/L	4
alpha-Benzene hexachloride	10 µg/L	16
beta-Benzene hexachloride	10 µg/L	16
delta-Benzene hexachloride	10 µg/L	16
gamma-Benzene hexachloride (Lindane)	0.005 µg/L	104
Benzidine	10 µg/L	4
Benzo[*a*]anthracene	10 µg/L	8
Benzo[*b*]fluoranthene	10 µg/L	8
Benzo[*k*]fluoranthene	10 µg/L	8
Benzo[*g,h,i*]perylene	10 µg/L	8
Benzo[*a*]pyrene	10 µg/L	8
Benzyl alcohol	10 µg/L	4
Beryllium	5 µg/L	41
Bis(2-chloroethoxy) methane	10 µg/L	8
Bis(2-chloroethyl) ether	10 µg/L	8
Bis(2-chloroisopropyl) ether	10 µg/L	4
Bis(chloromethyl)ether	10 µg/L	2
Bis(chloromethyl-ethyl)ether	10 µg/L	6
Bis(2-ethylhexyl) phthalate	10 µg/L	8
Bromide	1,000 µg/L	20
Bromodichloromethane	1 µg/L	115
Bromoform	1 µg/L	115
Bromomethane (Methyl bromide)	1 µg/L	115
4-Bromophenyl phenyl ether	10 µg/L	8
Butylbenzyl phthalate	10 µg/L	8
2-sec-Butyl-4,6-dinitrophenol	10 µg/L	4
Carbon 12-labeled 2,3,7,8-TCDD	0.45 µg/L	10
Carbon 12-labeled 2,3,7,8-TCDF	0.4 µg/L	10
Carbon disulfide	1 µg/L	6
Chlordane	10 µg/L	16
4-Chloroaniline	10 µg/L	4
Chlorobenzene	1 µg/L	115
Chlorobenzilate	10 µg/L	4
para-Chloro-meta-cresol	10 µg/L	8
2-Chloroethyl vinyl ether	10 µg/L	139
2-Chloronaphthalene	10 µg/L	8
2-Chlorophenol	10 µg/L	8

Table 16. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	RDL	Number of Analyses
4-Chlorophenyl phenyl ether	10 µg/L	8
Chloroprene	200 µg/L	6
Chrysene	10 µg/L	8
m-Cresol (3-Methylphenol)	10 µg/L	4
o-Cresol (2-Methylphenol)	10 µg/L	4
p-Cresol (4-Methylphenol)	10 µg/L	4
p,p'-DDD	10 µg/L	18
p,p'-DDE	10 µg/L	18
p,p'-DDT	10 µg/L	18
Diallate	10 µg/L	4
Dibenz[*a*,*h*]anthracene	10 µg/L	8
Dibenzofuran	10 µg/L	4
Dibromochloromethane	1 µg/L	115
1,2-Dibromo-3-chloropropane	1 µg/L	6
1,2-Dibromoethane	20 µg/L	4
Dibromomethane (Methylene bromide)	10 µg/L	6
Di-n-butyl phthalate	10 µg/L	8
1,3-Dichlorobenzene	10 µg/L	4
1,4-Dichlorobenzene	10 µg/L	4
3,3'-Dichlorobenzidine	10 µg/L	8
trans-1,4-Dichloro-2-butene	30 µg/L	6
trans-1,2-Dichloroethene	1 µg/L	115
2,4-Dichlorophenol	10 µg/L	8
2,6-Dichlorophenol	10 µg/L	4
2,4-Dichlorophenoxyacetic acid	0.3 µg/L	90
1,2-Dichloropropane	1 µg/L	115
cis-1,3-Dichloropropene	1 µg/L	115
trans-1,3-Dichloropropene	1 µg/L	115
Dieldrin	10 µg/L	16
Diethyl phthalate	10 µg/L	8
Dimethoate	10 µg/L	4
p-Dimethylaminoazobenzene	10 µg/L	4
7,12-Dimethylbenz[*a*]anthracene	10 µg/L	4
3,3'-Dimethylbenzidine	10 µg/L	4
a,a-Dimethylphenethylamine	10 µg/L	4
2,4-Dimethyl phenol	10 µg/L	8
Dimethyl phthalate	10 µg/L	8
1,3-Dinitrobenzene	10 µg/L	4
2,4-Dinitrophenol	45 µg/L	8
2,4-Dinitrotoluene	10 µg/L	8
2,6-Dinitrotoluene	10 µg/L	8
Di-n-octyl phthalate	10 µg/L	8
1,4-Dioxane	10 µg/L	4
Diphenylamine	10 µg/L	4
1,2-Diphenylhydrazine	10 µg/L	4
Disulfoton	10 µg/L	4
alpha-Endosulfan	10 µg/L	4
beta-Endosulfan	10 µg/L	4
Endosulfan I	10 µg/L	14
Endosulfan II	10 µg/L	14
Endosulfan sulfate	10 µg/L	18
Endrin	0.006 µg/L	104
Endrin aldehyde	10 µg/L	18

Table 16. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	RDL	Number of Analyses
Ethylbenzene	1 µg/L	117
Ethyl methacrylate	10 µg/L	4
Ethyl methanesulfonate	10 µg/L	4
Famphur	10 µg/L	4
Fluoranthene	10 µg/L	8
Fluorene	10 µg/L	8
Heptachlor	10 µg/L	18
Heptachlor epoxide	10 µg/L	18
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.65 µg/L	10
Heptachlorodibenzo-p-dioxin isomers	0.65 µg/L	10
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	0.45 µg/L	10
Heptachlorodibenzo-p-furan isomers	0.45 µg/L	10
Hexachlorobenzene	10 µg/L	8
Hexachlorobutadiene	10 µg/L	8
Hexachlorocyclopentadiene	10 µg/L	8
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.45 µg/L	10
Hexachlorodibenzo-p-dioxin isomers	0.45 µg/L	10
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	0.4 µg/L	10
Hexachlorodibenzo-p-furan isomers	0.4 µg/L	10
Hexachloroethane	10 µg/L	8
Hexachlorophene	10 µg/L	4
Hexachloropropene	10 µg/L	4
2-Hexanone	1 µg/L	6
Indeno[1,2,3-c,d]pyrene	10 µg/L	8
Iodomethane (Methyl iodide)	15 µg/L	6
Isobutyl alcohol	100 µg/L	6
Isodrin	10 µg/L	4
Isophorone	10 µg/L	8
Isosafrole	10 µg/L	4
Kepone	10 µg/L	4
Methacrylonitrile	50 µg/L	6
Methapyrilene	10 µg/L	4
Methoxychlor	0.5 µg/L	90
3-Methylcholanthrene	10 µg/L	4
2-Methyl-4,6-dinitrophenol	50 µg/L	8
Methyl ethyl ketone	10 µg/L	6
Methyl isobutyl ketone	1 µg/L	6
Methyl methacrylate	10 µg/L	4
Methyl methanesulfonate	10 µg/L	4
2-Methylnaphthalene	10 µg/L	4
Naphthalene	10 µg/L	12
1,4-Naphthoquinone	10 µg/L	4
1-Naphthylamine	10 µg/L	4
2-Naphthylamine	10 µg/L	4
2-Nitroaniline	10 µg/L	4
3-Nitroaniline	10 µg/L	4
4-Nitroaniline	10 µg/L	4
Nitrobenzene	10 µg/L	8
2-Nitrophenol	10 µg/L	8
4-Nitrophenol	10 µg/L	8
4-Nitroquinoline-1-oxide	10 µg/L	4
N-Nitrosodi-n-butylamine	10 µg/L	4
N-Nitrosodiethylamine	10 µg/L	4

Table 16. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	RDL	Number of Analyses
N-Nitrosodimethylamine	10 µg/L	8
N-Nitrosodiphenylamine	10 µg/L	8
N-Nitrosodi-propylamine	10 µg/L	8
N-Nitrosomethylethylamine	10 µg/L	4
N-Nitrosomorpholine	10 µg/L	4
N-Nitrosopiperidine	10 µg/L	4
N-Nitrosopyrrolidine	10 µg/L	4
5-Nitro-o-toluidine	10 µg/L	4
Octachlorodibenzo-p-dioxin isomers	1 µg/L	10
Octachlorodibenzo-p-furan isomers	1 µg/L	10
Oil & grease	1,000 µg/L	2
Parathion	0.5 µg/L	6
Parathion methyl	0.5 µg/L	6
PCB 1016	150 µg/L	10
PCB 1221	150 µg/L	10
PCB 1232	150 µg/L	10
PCB 1242	150 µg/L	10
PCB 1248	150 µg/L	10
PCB 1254	150 µg/L	10
PCB 1260	150 µg/L	10
Pentachlorobenzene	10 µg/L	4
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.55 µg/L	10
Pentachlorodibenzo-p-dioxin isomers	0.55 µg/L	10
1,2,3,7,8-Pentachlorodibenzo-p-furan	0.55 µg/L	10
Pentachlorodibenzo-p-furan isomers	0.55 µg/L	10
Pentachloroethane	10 µg/L	4
Pentachloronitrobenzene	10 µg/L	4
Pentachlorophenol	10 µg/L	8
Phenacetin	10 µg/L	4
Phenanthrene	10 µg/L	8
Phenol	10 µg/L	8
p-Phenylenediamine	10 µg/L	4
Phorate	0.5 µg/L	6
2-Picoline	10 µg/L	4
Pronamid	10 µg/L	4
Propionitrile	200 µg/L	6
Pyrene	10 µg/L	8
Pyridine	10 µg/L	4
Safrole	10 µg/L	4
Styrene	1 µg/L	6
Sulfide	1,000 µg/L	16
Sulfotepp	10 µg/L	4
1,2,4,5-Tetrachlorobenzene	10 µg/L	4
Tetrachlorodibenzo-p-dioxin isomers	0.45 µg/L	10
Tetrachlorodibenzo-p-furan isomers	0.4 µg/L	10
1,1,1,2-Tetrachloroethane	1 µg/L	6
1,1,2,2-Tetrachloroethane	1 µg/L	115
2,3,4,6-Tetrachlorophenol	10 µg/L	4
Thallium	2 µg/L	62
Thionazin	10 µg/L	4
Tin	2 µg/L	43
o-Toluidine	10 µg/L	4
Total petroleum hydrocarbons	1,000 µg/L	4

Table 16. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	RDL	Number of Analyses
Toxaphene	0.24 µg/L	104
Tributyl phosphate	10 µg/L	2
1,2,4-Trichlorobenzene	10 µg/L	8
2,4,5-Trichlorophenol	10 µg/L	4
2,4,6-Trichlorophenol	10 µg/L	8
2,4,5-Trichlorophenoxyacetic acid	0.09 µg/L	6
1,2,3-Trichloropropane	20 µg/L	6
O,O,O-Triethyl phosphorothioate	10 µg/L	4
1,3,5-Trinitrobenzene	10 µg/L	4
Vinyl acetate	1 µg/L	6
Xylenes	1 µg/L	16

Intralaboratory Comparisons

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

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

where

x_i = an analyte's mean concentration in a water sample for the ith well,
y_i = the analyte's mean concentration in the replicate or duplicate, and
n = the number of pairs of observations.

For the in-house duplicate comparisons, the quantities x_i and y_i represent the results for the original sample and the in-house duplicate, respectively. For the blind replicate comparisons, x_i and y_i represent the results for the known sample and the EPD blind replicate, respectively.

Generally, the closer the original results and their replicate or duplicate results are to each other, the lower the MRD.

Normalizing Data to the RDL

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

The intralaboratory MRD index for General Engineering is listed in Table 17.

Table 17. Intralaboratory MRD Index for General Engineering

Analyte	RDL	In-house Duplicates		Blind Replicates	
		Number of Analyses	MRD	Number of Analyses	MRD
Acetone	1 µg/L	0	–	3	44.44
Alkalinity (as $CaCO_3$)	5,000 µg/L	4	.37	4	12.88
Aluminum	20.0 µg/L	50	12.17	18	10.27
Antimony	2 µg/L	42	9.90	16	9.63
Arsenic	2 µg/L	77	1.75	31	3.43
Barium	3 µg/L	70	3.25	39	9.25
Benzene	1 µg/L	33	–	27	0.22
Cadmium	2.0 µg/L	70	0.66	39	0.06
Calcium	10 µg/L	66	3.33	35	13.01
Carbon tetrachloride	1.0 µg/L	33	–	36	0
Chloride	250 µg/L	86	5.41	37	13.80
Chloroethane	1 µg/L	33	–	27	2.47
Chloroethene (Vinyl chloride)	1 µg/L	33	–	27	2.47
Chloroform	1.0 µg/L	33	–	36	3.52
Chloromethane (Methyl chloride)	1 µg/L	33	–	27	0
Chromium	4 µg/L	71	1.02	40	1.64
Cobalt	4 µg/L	42	0.77	12	0.69
Copper	4 µg/L	55	3.13	24	8.24
Cyanide	5 µg/L	42	3.39	16	1.98
1,2-Dichlorobenzene	10 µg/L	0	–	2	41.18
Dichlorodifluoromethane	1 µg/L	0	–	3	1.31
1,1-Dichloroethane	1 µg/L	33	–	27	0.28
1,2-Dichloroethane	1.0 µg/L	33	–	27	5.33
1,1-Dichloroethylene	1.0 µg/L	33	3.03	27	2.51
Dichloromethane (Methylene chloride)	1 µg/L	33	50.36	27	36.17
Dissolved organic carbon	1,000 µg/L	3	44.44	3	22.22
Fluoride	100 µg/L	71	1.52	34	0
Iodine	100 µg/L	1	46.15	4	–
Iron	4.0 µg/L	62	8.54	32	37.38
Lead	3.0 µg/L	81	2.63	36	2.77
Lithium	5 µg/L	10	0.13	1	–
Magnesium	2.0 µg/L	67	5.12	36	5.43
Manganese	2.0 µg/L	65	7.39	34	8.08
Mercury	0.2 µg/L	76	1.15	39	1.96
Nickel	4.0 µg/L	57	2.43	23	2.35
Nitrate as nitrogen	50 µg/L	86	8.41	38	16.08
Nitrite as nitrogen	10 µg/L	20	8.06	8	–
pH	N/A	34	0.17	39	5.02
Phenols	5 µg/L	75	0.28	35	–
Potassium	500 µg/L	67	2.30	36	2.48
Selenium	2.0 µg/L	77	0.68	31	3.14
Silica	100 µg/L	66	5.93	36	4.07
Silver	2.0 µg/L	69	4.59	39	–
Sodium	100 µg/L	65	4.47	35	5.16
Specific conductance	1 µS/cm	38	2.61	38	13.05
Sulfate	1,000 µg/L	84	7.65	37	17.54

– No results above reference detection limit

Table 17. Intralaboratory MRD Index for General Engineering (cont.)

Analyte	RDL	In-house Duplicates Number of Analyses	In-house Duplicates MRD	Blind Replicates Number of Analyses	Blind Replicates MRD
Tetrachloroethylene	1 µg/L	33	7.10	36	10.20
Toluene	1 µg/L	33	0.73	27	1.64
Total carbon	1,000 µg/L	3	0	4	51.82
Total dissolved solids	1,000 µg/L	76	11.29	31	31.16
Total inorganic carbon	1,000 µg/L	4	0.47	4	53.46
Total organic carbon	1,000 µg/L	83	7.42	35	17.52
Total organic halogens	5.0 µg/L	83	15.06	31	52.73
Total phosphates (as P)	50 µg/L	85	4.28	37	12.18
Total silica	100 µg/L	1	10.0	0	–
2,4,5-TP (Silvex)	0.09 µg/L	28	–	19	3.51
1,1,1-Trichloroethane	1.0 µg/L	33	2.02	36	3.89
1,1,2-Trichloroethane	1.0 µg/L	33	–	27	7.40
Trichloroethylene	1.0 µg/L	33	1.09	36	25.42
Trichlorofluoromethane	1.0 µg/L	33	–	27	10.09
Turbidity	0.1 NTU	4	1.74	5	54.45
Uranium	1,000 µg/L	35	6.10	12	–
Vanadium	10 µg/L	48	1.23	16	–
Zinc	2.0 µg/L	48	13.37	19	24.97
Gross alpha	2.0E-9 µCi/mL	79	7.76	36	1.75
Nonvolatile beta	2.0E-9 µCi/mL	79	22.04	36	20.43
Total radium	1.0E-9 µCi/mL	73	22.84	32	23.22
Tritium	7.0E-8 µCi/mL	80	8.39	36	14.74

– No results above reference detection limit

COMMENTS ON THE REPLICATE AND DUPLICATE ANALYSES

Intralaboratory Comparison

High MRDs (greater than 20) were calculated for General Engineering laboratory duplicates (see Table 17) for dichloromethane (methylene chloride), dissolved organic carbon, iodine, nonvolatile beta, and total radium. Table 18 lists analytes and wells from which samples and laboratory duplicates yielded results where one result was more than twice the other. Samples labeled EPT are equipment blanks sent to the laboratory by EPD/EMS.

Table 18. General Engineering Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Aluminum	BGO 14C, BGO 36D
Antimony	FSB 98D
Chloride	MSB 78D
Copper	BGO 36D
Cyanide	FSB 98D
1,1-Dichloroethylene	MSB 2B
Dichloromethane (Methylene chloride)	FSB 76, FSB 78, FSB 78B, FSB 78C, FSB 98AR, HSB 68A, HSB 68B, HSB 68C, HSB108D, HSB120A, MSB 2B
Lead	HSB 68A

Table 18. General Engineering Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another (cont.)

Analyte	Wells
Magnesium	ABP 8C
Manganese	ABP 8C, BGO 36D
Nitrate as nitrogen	BG 101, MSB 77D
Nitrite as nitrogen	CSD 11D
Silica	EPT 87, MSB 56D
Silver	BGO 14C
Sodium	BGO 36D
Sulfate	FSB119D, MSB 36A, MSB 36C
Tetrachloroethylene	FSB 94C
Total dissolved solids	BRD 4, MSB 42B
Total organic carbon	KDT 1D
Total organic halogens	ABP 4, HSB111E, LFW 20, TNX 1D
Gross alpha	BGO 8D, LFW 30
Nonvolatile beta	IDB 2A, LFW 42, MCB 7C, MSB 34TB, MSB 59D, MSB 83B, TNX 12D
Total radium	FCB 5, FSB 76, FSB 76A, FSB 78B, HSB 68B, HSB101D, HSB144A, LFW 10A, LFW 42
Tritium	BGO 35D, MSB 83D
Uranium	EPT 87
Zinc	EPT 21, HSB120A

High MRDs (greater than 20) for blind replicates from General Engineering (see Table 17) were calculated for acetone, 1,2-dichlorobenzene, dichloromethane (methylene chloride), dissolved organic carbon, iron, total carbon, total dissolved solids, total inorganic carbon, total organic halogens, trichloroethylene, turbidity, zinc, nonvolatile beta, and total radium. Table 19 lists the analytes and wells from which samples and blind replicates yielded results where one result was more than twice the other.

Table 19. General Engineering Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Acetone	LFW 37
Antimony	FSB101A
Aluminum	HSB120A
Barium	KAC 4, LFW 27
Calcium	DCB 7, KAC 4
Chloride	FCB 2, LFW 37
Copper	FSB 96AR
1,2-Dichlorobenzene	LFW 37
1,2-Dichloroethane	CMP 8
Dichloromethane (Methylene chloride)	CMP 8, FNB 3, FSB 96AR, HSB120A, MSB 39B, MSB 77C
Iron	BGO 9D, BRD 4, FSB 96AR, FSB101A, HSB120A, KAC 4, MSB 8B, YSC 2A
Manganese	KAC 4
Nitrate as nitrogen	ASB 2A, HSB 69A, MSB 14B, MSB 53B
Selenium	FSB 96AR
Specific conductance	BRD 4, IDQ 12
Sulfate	IDQ 12, MSB 39B
Tetrachloroethylene	BGO 6A, CBR 3D
Total carbon	IDQ 12

Table 19. General Engineering Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another (cont.)

Analyte	Wells
Total dissolved solids	AC 3A, IDP 1, MSB 63B
Total inorganic carbon	IDQ 12
Total organic carbon	CMP 8
Total organic halogens	BGO 10A, CBR 3D, CMP 8, FCB 2, FSB117D, KAC 4, MSB 26B, MSB 35B, MSB 44A, TNX 9D, YSB 2A
Total phosphates (as P)	CSD 9D, MSB 14B
1,1,2-Trichloroethane	LFW 37
Trichloroethylene	BGO 6A, BGO 9D, CBR 3D, MSB 77C, TNX 9D
Trichlorofluoromethane	FCB 2, FNB 3
Turbidity	BGO 6A, BGO 9D
Nonvolatile beta	BGO 9D, CBR 3D
Total radium	AC 3A, CBR 3D, FNB 3, LFW 27
Tritium	BGO 9D, FSB101A, YSC 2A
Zinc	FSB 96AR, HSB120A

QUALITY CONTROL STANDARDS

During the second quarter of 1991, EPD/EMS conducted quality assessment of the primary laboratory used for sample analysis: General Engineering (GE). The laboratory was sent three sets of certified environmental quality control standards (Batch Numbers 410, 2532, and 2602). The following analyses are listed: common analyses in Table 19, Appendix IX analyses in Table 20, and priority pollutants analyses in Table 22. All three sets of standards were purchased from Environmental Resource Associates (ERA) of Arvada, CO.

The standards analyses were reviewed by comparing the laboratory results with the ERA-certified values and advisory ranges. General Engineering had an accuracy rate of 88%.

Table 20. Quality Control Standards for Common Analyses, Batch No. 2532

Analyte	Certified Value	Advisory Range	GE Result
Chlorine (µg/L)	910	770–1,100	1,570*
Turbidity (NTU)	2.03	1.8.–2.2	1.96
Inorganics			
Alkalinity (as $CaCO_3$) (mg/L)	62.0	55–69	85*
Fluoride (µg/L)	5,640	4,800–6,300	5,040
Nitrate as nitrogen (µg/L)	8,460	7,500–9,400	7,960
pH	9.1	8.9–9.3	9.13
Potassium (µg/L)	34,700	29,000–40,000	–
Sodium (µg/L)	62,600	53,000–72,000	–
Sulfate (µg/L)	71,200	61,000–81,000	71,400

– Results not received.
* Results out of range.

Table 20. Quality Control Standards for Common Analyses, Batch No. 2532 (cont.)

Analyte	Certified Value	Advisory Range	GE Result
Metals			
Antimony (µg/L)	73.1	54–86	82.5
Arsenic (µg/L)	48.0	36–57	50.7
Barium (µg/L)	208	170–245	215
Beryllium (µg/L)	81.6	66–96	78.2
Cadmium (µg/L)	59.6	44–70	62.6
Calcium (µg/L)	22,000	18,000–26,000	30,400*
Chromium (µg/L)	135	110–159	135
Copper (µg/L)	106	86–125	106
Hardness as $CaCO_3$ (mg/L)	54.9	45–65	74.9*
Iron (µg/L)	376	300–444	396
Lead (µg/L)	116	95–137	134
Manganese (µg/L)	153	125–180	157
Mercury (µg/L)	4.4	3.3–5.5	6.68*
Nickel (µg/L)	163	134–192	168
Selenium (µg/L)	43.9	32–55	45.9
Silver (µg/L)	50.8	41–60	53.4
Thallium (µg/L)	59.0	44–70	60.7
Herbicides/Pesticides			
gamma-Benzene hexachloride (Lindane) (µg/L)	0.242	0.070–0.34	0.25
2,4-Dichlorophenoxyacetic acid (µg/L)	1.41	0.42–1.8	1.6
Endrin (µg/L)	1.33	0.40–1.9	0.1*
Methoxychlor (µg/L)	3.31	0.99–5.3	1.56
Toxaphene (µg/L)	3.35	1.4–4.2	2.06
2,4,5-TP (Silvex) (µg/L)	1.33	0.40–1.7	1.29
Halomethanes			
Bromodichloromethane (µg/L)	11.9	4.2–18	15.2
Bromoform (µg/L)	17.0	7.6–29	16.8
Chloroform (µg/L)	33.1	23–40	38.2
Dibromochloromethane (µg/L)	22.1	12–33	25.1
Volatiles			
Benzene (µg/L)	17.0	6.3–26	14
Carbon tetrachloride (µg/L)	2.59	1.8–3.6	1.8
1,4-Dichlorobenzene (µg/L)	7.41	2.7–14	6.4
1,2-Dichloroethane (µg/L)	10.0	4.9–15	7.9
1,1-Dichloroethylene (µg/L)	2.51	0.46–3.6	4.0*
1,1,1-Trichloroethane (µg/L)	14.4	7.5–23	10.2
Trichloroethene (µg/L)	3.31	2.3–5.2	2.7
Vinyl chloride (µg/L)	2.38	0.36–6.0	1.0

* Results out of range.

QUALITY CONTROL SAMPLES

Table 20. Quality Control Standards for Common Analyses, Batch No. 2532 (cont.)

Analyte	Certified Value	Advisory Range	GE Result
Unregulated Volatiles			
Bromobenzene (µg/L)	18.4	6.8–28	<10
Chlorobenzene (µg/L)	5.59	2.1–8.9	5.16
1,2-Dibromoethane (µg/L)	8.52	4.7–11	7.15
Dibromomethane (µg/L)	14.1	4.2–22	8.0
1,2-Dichlorobenzene (µg/L)	23.5	8.5–45	18.3
1,2-Dichloropropane (µg/L)	9.98	1.9–18	9.8
Ethyl benzene (µg/L)	4.88	1.8–7.9	4.3
Methylene chloride (µg/L)	13.0	4.5–27	14.2
1,1,1,2-Tetrachloroethane (µg/L)	16.0	7.3–25	<1.0*
Tetrachloroethene (µg/L)	13.1	8.4–19	11.3
1,1,2-Trichloroethane (µg/L)	20.9	11–31	20.0
Toluene (µg/L)	21.0	9.8–31	17.6

* Results out of range.

Table 21. Quality Control Standards for Appendix IX Analyses, Batch No. 2602

Analyte	Certified Value	Advisory Range	GE Result
Volatiles			
Acetone (µg/L)	27.9	7.5–47	27.8
Carbon tetrachloride (µg/L)	8.44	5.9–11	6.4
1,4-Dioxane (µg/L)	37.7	5.7–68	27.7
Ethyl acetate (µg/L)	46.6	7.1–83	35.2
Ethyl benzene (µg/L)	7.59	2.8–10	6.1
1,1,1-Trichloroethane (µg/L)	24.1	12–39	17.4
1,2-Dibromoethane (µg/L)	17.1	7.7–27	12.8
Bases/Neutrals			
Acenaphthene (µg/L)	29.8	14–45	23
Aniline (µg/L)	117	35–190	83
Bis(2-chloroethyl) ether (µg/L)	75.4	9.1–110	67
Bis(2-ethylhexyl) phthalate (µg/L)	50.2	14–79	49
Hexachlorophene (µg/L)	267	80–430	<100
N-Nitrosodi-n-butylamine (µg/L)	153	46–240	149
Phenanthrene (µg/L)	48.9	26–59	3[illegible]
1,3,5-Trinitrobenzene (µg/L)	33.9	5.1–61	21
1,4-Dichlorobenzene (µg/L)	65.4	28–82	54
Acids			
2,6-Dichlorophenol (µg/L)	44.3	14–71	45
2-Methylphenol (µg/L)	111	33–140	73
2,4,6-Trichlorophenol (µg/L)	54.6	20–79	45

Table 21. Quality Control Standards for Appendix IX Analyses, Batch No. 2602 (cont.)

Analyte	Certified Value	Advisory Range	GE Result
Pesticides			
Dieldrin (μg/L)	0.503	0.21–0.92	0.38
Endrin (μg/L)	1.97	0.59–2.9	1.39
Isodrin (μg/L)	0.543	0.13–0.98	0.888
Kepone (μg/L)	1.67	0.25–3.1	<0.005*
Parathion (μg/L)	2.77	0.74–4.9	0.276*
PCBs			
Aroclor 1016 (μg/L)	2.03	1.1–2.3	1.83
Aroclor 1260 (μg/L)	1.21	0.39–1.5	1.15

* Results out of range.

Table 22. Quality Control Standards for Priority Pollutants Analyses, Batch No. 410

Analyte	Certified Value	Advisory Range	GE
Trace Metals			
Aluminum (μg/L)	626	513–739	677
Antimony (μg/L)	242	182–286	320*
Arsenic (μg/L)	131	98–154	130
Barium (μg/L)	356	291–420	377
Beryllium (μg/L)	124	101–146	131
Boron (μg/L)	197	161–232	231
Cadmium (μg/L)	164	134–194	181
Chromium (μg/L)	437	358–516	472
Cobalt (μg/L)	338	277–399	398
Copper (μg/L)	414	339–488	440
Iron (μg/L)	621	509–733	692
Lead (μg/L)	261	214–308	295
Manganese (μg/L)	379	311–447	409
Mercury (μg/L)	5.7	4.2–7.2	5.79
Molybdenum (μg/L)	455	373–537	517
Nickel (μg/L)	485	398–572	539
Selenium (μg/L)	124	93–146	148*
Silver (μg/L)	117	96–138	125
Strontium (μg/L)	209	171–247	229
Thallium (μg/L)	112	84–132	139*
Vanadium (μg/L)	269	220–317	283
Zinc (μg/L)	449	368–530	520

* Results out of range.

QUALITY CONTROL SAMPLES

Table 22. Quality Control Standards for Priority Pollutants Analyses, Batch No. 410 (cont.)

Analyte	Certified Value	Advisory Range	GE
Cations			
Calcium (μg/L)	56,000	46,000–66,000	58,000
Magnesium (μg/L)	70,000	57,000–82,000	76,000
Potassium (μg/L)	49,000	40,000–58,000	52,500
Sodium (μg/L)	72,000	59,000–85,000	74,300
Cyanide and Phenol			
Cyanide (μg/L)	247	180–310	192
Phenol (μg/L)	252	190–310	239

* Results out of range.

BLANKS

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

Field Quality Control Blanks

Three types of field quality control blanks were sent to the laboratories during second quarter. Trip blanks (BLANK) are sample containers of deionized water that are transported to the well sample location, left unopened, and sent to the laboratory for analysis. They are used to check for contamination resulting from transport, shipping, and site conditions. They are also used as EPD/EMS blind blanks to test the laboratory's reliability.

Field blanks (FB) are generated by filling sample containers at the sample location with deionized water. They are treated as well samples and sent to the M-Area Laboratory for analysis. They are used to check for possible contamination of the containers.

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

The blanks tables beginning on page 86 list the dates, field measurements, and analytical results for all three types of field quality control blanks.

Laboratory Quality Control Blanks

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

Second-quarter laboratory blanks and EPD/EMS blind blanks with elevated results are listed in the **Analytical Data Review** section along with the groundwater samples that accompanied them in their respective analytical batches. The tables immediately following list the equipment blanks that accompanied laboratory and blind blanks with elevated results. Upon review of their records, General Engineering found no errors in these analyses.

Table 23 lists the laboratory blanks having elevated results and their accompanying equipment blanks.

Table 23. General Engineering Laboratory Blanks With Elevated Results Associated With Equipment Blanks

Analyte	Date Analyzed	Result	Equipment Blanks Accompanying Laboratory Blanks
Antimony	6/19/91	2.97 µg/L, 6.09 µg/L	EPT 53, EPT 54, EPT 55
Nitrate as nitrogen	7/02/91	240 µg/L	EPT 38, EPT 39
Selenium	4/19/91	2.7 µg/L	EPT 10
Silver	5/21/91	10.1 µg/L	EPT 49, EPT 50, EPT 51
	6/18/91	28.7 µg/L	EPT 40, EPT 41
	6/19/91	18.1 µg/L	EPT 43, EPT 44, EPT 45, EPT 46, EPT 47, EPT 8
	6/19/91	17.7 µg/L	EPT 52
	6/19/91	22.9 µg/L, 25.5 µg/L	EPT 53, EPT 54, EPT 55
Tin	7/10/91	6.16 µg/L, 4.09 µg/L	EPT 66, EPT 68, EPT 69, EPT 70, EPT 71, EPT 72, EPT 73, EPT 74

Table 24 lists the EPD/EMS blind blanks having elevated results and their accompanying equipment blanks.

Table 24. General Engineering EPD/EMS Blind Blanks With Elevated Results

Analyte	Date Analyzed	Result	Equipment Blanks Accompanying Blind Blanks
Silica	4/21/91	12,000 µg/L	EPT 14
	4/26/91	13,000 µg/L	EPT 1, EPT 2, EPT 3, EPT 4, EPT 5, EPT 6
	5/01/91	8,800 µg/L	EPT 33
	6/19/91	6,420 µg/L	EPT 53, EPT 55
	7/14/91	1,500 µg/L	EPT 93, EPT 94
	7/14/91	23,800 µg/L, 9,160 µg/L	EPT 97, EPT 98, EPT 99, EPT100
	7/17/91	665 µg/L	EPT 90, EPT 91
	7/18/91	30,000 µg/L	EPT103
	7/18/91	23,200 µg/L	EPT103
Sodium	4/13/91	230 µg/L	EPT 1, EPT 2, EPT 4, EPT 5, EPT 6
	4/21/91	280 µg/L	EPT 14
	5/01/91	410 µg/L	EPT 33
Total dissolved solids	6/05/91	27,000 µg/L	EPT103
Total organic halogens	5/01/91	19.0 µg/L	EPT 37, EPT 38, EPT 39
Total phosphates (as P)	6/05/91	132 µg/L	EPT103
Tritium	6/03/91	1.54E-05 µCi/mL	EPT 78, EPT 79, EPT 80

Tetrachloroethylene and trichloroethylene were detected in EPT samples at levels above Flag 2 for the first time during second quarter 1991; aluminum and uranium were also detected above Flag 2.

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 8:55
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	4.0	µS/cm	GE
0	Aluminum	37	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	230	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	5.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 6:45
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Specific conductance	3.0	µS/cm	GE
0	Aluminum	50	µg/L	GE
0	Aluminum	26	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE

WELL BLANK collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	45	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.6	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	13	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	53	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	320	µg/L	GE
0	Sodium	120	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

WELL BLANK collected on 04/03/91, laboratory analyses (cont.)

I.	Analyte	Result	Unit	Lab
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/l	GE
0	Vanadium	< 10	µg/l	GE
0	Zinc	9.5	µg/l	GE
0	Zinc	3.8	µg/l	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	< 2.0E-09	µCi/ml	GE
0	Total radium	< 1.0E-09	µCi/ml	GE
0	Tritium	< 7.0E-07	µCi/ml	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 7:15
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/l
Sp. conductance: 7 µS/cm — Water temperature: 23.0°C

LABORATORY ANALYSES

I.	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	pH	4.9	pH	GE
0	pH	4.9	pH	GE
0	pH	4.9	pH	GE
0	Specific conductance	2.0	µS/cm	GE
0	Specific conductance	2.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Aluminum	<20	µg/l	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	18	µg/L	GE
0	Calcium	21	µg/L	GE
0	Calcium	25	µg/L	GE
0	Calcium	25	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Lead	< 5.0	µg/L	GE
0	Lead	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	2,2-Dichloroethane	< 1.0	µg/L	GE

WELL BLANK collected on 04/05/91, laboratory analyses (cont.)

I.	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Iron	4.4	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	5.4	µg/L	GE
0	Magnesium	6.5	µg/L	GE
0	Magnesium	7.4	µg/L	GE
0	Magnesium	10	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,800	µg/l	GE
0	Silica	9,000	µg/l	GE
0	Silica	12,000	µg/l	GE
0	Silica	12,000	µg/l	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	130	µg/L	GE
0	Sodium	150	µg/L	GE
0	Sodium	280	µg/L	GE
0	Sodium	170	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	11,000	µg/l	GE
0	Total dissolved solids	9,000	µg/l	GE
0	Total dissolved solids	10,000	µg/l	GE
0	Total dissolved solids	16,000	µg/l	GE
0	Total organic carbon	< 1,000	µg/l	GE
0	Total organic carbon	< 1,000	µg/l	GE
0	Total organic carbon	< 1,000	µg/l	GE
0	Total organic carbon	< 1,000	µg/l	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.4E-09 ± 3.2E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 3.2E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 7:50
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	4.0	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloromethane (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	44	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	8.4	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	310	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL BLANK collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	3.2	µg/L	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 7:05
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 10 µS/cm — Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	83	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	44	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	8.4	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	310	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 7:15
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	2.0	µS/cm	GE
0	Aluminum	27	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE

WELL BLANK collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Barium	<3.0	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	<250	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Nickel	<4.0	µg/L	QE
0	Nitrate as nitrogen	180	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	230	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total phosphates (as P)	230	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Uranium	<1,000	µg/L	QE
0	Zinc	2.6	µg/L	QE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 8:05
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	QE
0	Specific conductance	2.0	µS/cm	QE
0	Alkalinity (as $CaCO_3$)	1.0	mg/L	QE
0	Aluminum	<20	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	<3.0	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	22	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	<250	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0060	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	7.4	µg/L	QE

WELL BLANK collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Magnesium	2.3	µg/L	QE
0	Manganese	<2.0	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Nickel	<4.0	µg/L	QE
0	Nitrate as nitrogen	<50	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	<500	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	9,200	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	190	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	8,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
0	Total organic halogens	10	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Uranium	<1,000	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	<2.0	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
0	Nonvolatile beta	3.8E-09 ± 2.8E-09	µCi/mL	QE
0	Total radium	<1.0E-09	µCi/mL	QE
0	Tritium	<7.0E-07	µCi/mL	QE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 7:10
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	QE
0	Specific conductance	2.0	µS/cm	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	<3.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	<10	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	<250	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	<4.0	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Magnesium	<2.0	µg/L	QE
0	Manganese	<2.0	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Nitrate as nitrogen	<50	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	<500	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	9,200	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	200	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Total dissolved solids	8,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
1	Nonvolatile beta	4.5E-08 ± 8.0E-09	µCi/mL	QE
0	Total radium	<1.0E-09	µCi/mL	QE
0	Tritium	1.0E-08 ± 2.0E-07	µCi/mL	QE

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 8:40
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<.10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	410	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/ml	GE
0	Nonvolatile beta	4.0E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.0E-07 ± 2.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 — Time: 8:55
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.2	pH	GE
0	Specific conductance	8.0	µS/cm	GE
0	Specific conductance	8.0	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE

WELL BLANK collected on 04/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	830	µg/L	GE
0	Sodium	810	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 11 µS/cm
Time: 6:55
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,660	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

WELL BLANK collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	19	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:20
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	4.0	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	17	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.9	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.7	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 12:55
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan I	<10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/l	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:30
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.6	pH	GE
0	Specific conductance	4.0	µS/cm	GE
0	Specific conductance	3.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<1,000	µg/L	GE
0	Chloride	<1,000	µg/L	GE
0	Chloroform	3.5	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 7:50
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.2	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	6,420	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 8:50
Depth to water: Not available — pH: 5.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	2.0	µS/cm	GE
0	Turbidity	0.36	NTU	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
1	Lead	12	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Total dissolved solids	9,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	< 2.0E-09	µCi/ml	GE

WELL BLANK collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 10:10
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 22.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	6.4	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	2.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	1.2	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	4.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 5.0	µg/L	ET
0	Arsenic	< 5.0	µg/L	ET
0	Barium	< 3.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
1	Dichlorodifluoromethane	5.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.10	µg/l	GE
0	Endosulfan II	< 0.10	µg/l	GE
0	Endosulfan sulfate	< 0.10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.10	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/l	GE
0	Hexachlorobutadiene	< 10	µg/l	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/l	GE
0	Hexachloroethane	< 10	µg/l	GE

WELL BLANK collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Hexachlorophene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl Iodide)	< 15	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	3.0	µg/L	ET
0	Lead	< 3.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-n-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/l	GE
0	Potassium	< 500	µg/l	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/l	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/l	GE
0	Selenium	< 5.0	µg/l	ET
0	Selenium	< 5.0	µg/l	ET
0	Silica	< 100	µg/l	GE

WELL BLANK collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	2.6	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 8:30
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE

WELL BLANK collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	<1,000	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	8.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 7:15
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 7:30
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 7:20
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	3.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE

WELL BLANK collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Nitrate as nitrogen	220	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE

WELL BLANK collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	< 1,000	µg/L	GE
0	Total dissolved solids	3,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
1	Total organic halogens	26	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.080	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 8:20
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.7	µg/L	GE
0	1,2 Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE

WELL BLANK collected on 05/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 8:15
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acetone	5.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	ET
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	ET
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	ET
0	m-Cresol (3-Methylphenol)	< 10	µg/L	ET
0	p-Cresol (4-Methylphenol)	< 10	µg/L	ET
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	Dichlorodifluoromethane	2.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	ET
0	2,6-Dichlorophenol	< 10	µg/L	ET
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	ET
0	2,4-Dinitrophenol	< 45	µg/L	ET
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachlorophene	< 10	µg/L	ET
0	2-Hexanone	< 1.0	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	2-Nitrophenol	<10	µg/L	ET
0	4-Nitrophenol	<10	µg/L	ET
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachlorophenol	<10	µg/L	ET
0	Phenol	<10	µg/L	ET
0	Phenols	<5.0	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	ET
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	ET
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
2	Trichlorofluoromethane	17	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	ET
0	2,4,6-Trichlorophenol	<10	µg/L	ET
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 7:30
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	2.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE

WELL BLANK collected on 05/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	55	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.83	µg/L	GE
0	Mercury	0.29	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	7.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	2.8	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.7E-09	µCi/mL	GE

WELL BLANK collected on 05/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:55
pH: 6.5
Alkalinity: 1 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	6.0	pH	GE
0	pH	6.2	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.1	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE

WELL BLANK collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	ET
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	ET
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	11,000	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	50	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	ET
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	1.4	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	2.1E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.6E-05 ± 6.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 8:55
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 7:50
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 8:25
pH: 5.7
Alkalinity: 1 mg/L
Water temperature: 23.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	665	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 8:25
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	1,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE

WELL BLANK collected on 05/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	8.9E-07 ± 2.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91 Time: 8:30
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	<250	µg/L	GE
0	para-Chloro-meta cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE

WELL BLANK collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.37	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,160	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total dissolved solids	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	25	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91 — Time: 8:25
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 25.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	23,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/91 — Time: 9:10
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 24.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE

WELL BLANK collected on 06/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	<250	µg/L	GE
0	Chloroform	2.6	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	30,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	132	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 14 µS/cm
Time: 8:05
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 26.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	23,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE

WELL BLANK collected on 06/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:15
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.1E-06 ± 3.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:55
pH: 6.4
Alkalinity: 1 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.3	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 06/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL EPT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 7:20
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	21	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	42	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.3	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	40,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	530	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.5	µg/L	GE

WELL EPT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 13 µS/cm
Time: 11:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	33	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	52	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	23,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	320	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE

WELL EPT 2 collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Zinc	16	µg/L	GE

WELL EPT 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 13:25
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 24.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	31	µg/L	GE
0	Antimony	2.4	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	54	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	95	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.5	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	19,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	88	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.9	µg/L	GE

WELL EPT 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 7:20
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	96	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	25	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	44	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	25,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	61	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 10 µS/cm
Time: 8:35
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 15.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	23	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	26	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	84	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.8	µg/L	GE

WELL EPT 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:20
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	47	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	230	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	75	µg/L	GE
0	Lead	3.1	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.23	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	410	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.9	µg/L	GE

WELL EPT 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Time: 7:25
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
1	Antimony	3.9	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT 7 collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	120	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	5.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	22,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	180	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.8	µg/L	GE

WELL EPT 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 10 µS/cm
Time: 8:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	63	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	170	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.8	µg/L	GE

WELL EPT 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:45
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	51	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	190	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.7	µg/L	GE
0	Iron	66	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	19	µg/L	GE
1	Manganese	33	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	170	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 9 collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.2	µg/L	GE

WELL EPT 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 10 µS/cm
Time: 7:00
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 23.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	71	µg/L	GE
0	Calcium	66	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	7.2	µg/L	GE
0	Iron	8.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.0	µg/L	GE
0	Magnesium	7.9	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	3.3	µg/L	GE
0	Selenium	2.8	µg/L	GE
0	Silica	21,000	µg/L	GE
0	Silica	21,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	70	µg/L	GE
0	Sodium	68	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.8	µg/L	GE
0	Zinc	3.8	µg/L	GE

WELL EPT 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 11 µS/cm
Time: 8:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	51	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	5.9	µg/L	GE

WELL EPT 11 collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	4.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	150	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Time: 8:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	85	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.9	µg/L	GE
0	Iron	8.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	12	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	190	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.8	µg/L	GE

WELL EPT 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 7:40
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	21	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	130	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.5	µg/L	GE
0	Iron	6.6	µg/L	GE
0	Lead	4.3	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.5	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	120	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.8	µg/L	GE

WELL EPT 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 8:45
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	28	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.3	µg/L	GE
0	Iron	8.1	µg/L	GE
0	Lead	4.4	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	9.9	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	120	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	19	µg/L	GE

WELL EPT 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 9:35
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	57	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	5.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	100	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.0	µg/L	GE

WELL EPT 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 — Time: 8:30
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT 16 collected on 04/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	30	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.9	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	110	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.2	µg/L	GE

WELL EPT 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/91 — Time: 11:35
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 28.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	22	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	40	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	120	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.0	µg/L	GE

WELL EPT 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 7:25
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	37	µg/L	GE
0	Calcium	35	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	5.2	µg/L	GE
0	Iron	7.4	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 18 collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.8	µg/L	GE
0	Magnesium	5.1	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	230	µg/L	GE
0	Sodium	220	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	2.6	µg/L	GE

WELL EPT 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 9:30
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 13 µS/cm — Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	180	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.9	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	200	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.0	µg/L	GE

WELL EPT 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 9:35
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	27	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	23	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE

WELL EPT 20 collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	170	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 8:40
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	28	µg/L	GE
0	Aluminum	36	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.4	µg/L	GE
0	Arsenic	2.3	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	46	µg/L	GE
0	Calcium	43	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	130	µg/L	GE
0	Iron	130	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.3	µg/L	GE
0	Magnesium	2.7	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	220	µg/L	GE
0	Sodium	220	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.1	µg/L	GE
0	Zinc	6.6	µg/L	GE

WELL EPT 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 9:30
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 9 µS/cm — Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	25	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	130	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.5	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	390	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.3	µg/L	GE

WELL EPT 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 8:15
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	77	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	260	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.4	µg/L	GE

WELL EPT 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 9:25
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	23	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT 24 collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	190	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.9	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	13	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	230	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.3	µg/L	GE

WELL EPT 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 8:40
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.2	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	4.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.7	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	240	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.1	µg/L	GE

WELL EPT 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 12:05
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 25.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	22	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	130	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	8.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	13	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	200	µg/L	GE

WELL EPT 26 collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.1	µg/L	GE

WELL EPT 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 7:50
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 16.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	4.9	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE

WELL EPT 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 9:10
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 12 µS/cm — Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	18	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	199	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 8:20
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	40	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	240	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 8:50
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	17	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	460	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 9:30
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT 31 collected on 04/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	80	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	530	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 9:45
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	62	µg/L	GE
0	Calcium	56	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.8	µg/L	GE
0	Magnesium	9.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Time: 10:15
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	990	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 8:40
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14	µg/L	GE
0	Calcium	14	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	4.8	µg/L	GE
0	Magnesium	5.1	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/l	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE

WELL EPT 34 collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 8:45
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 11 µS/cm — Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 14:30
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 12 µS/cm — Water temperature: 32.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	18	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 7:25
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 10 µS/cm — Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 8:45
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity: 3 mg/L
Sp. conductance: 14 µS/cm — Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	39	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 9:20
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 11 µS/cm — Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT 39 collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.1	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 9:35
Depth to water: Not available — pH: 5.6
Water elevation: Not available — Alkalinity: 3 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 23.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	53	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.3	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 7:45
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE

WELL EPT 41 collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 8:25
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 43

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91 — Time: 7:25
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	24	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 43 collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 44

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91 — Time: 10:25
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 45

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91 — Time: 10:15
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 5 µS/cm — Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE

WELL EPT 45 collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Vanadium	<10	µg/L	GE
0	Zinc	3.3	µg/L	GE

WELL EPT 46

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 9:20
Depth to water: Not available — pH: 5.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 15.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 47

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 10:10
Depth to water: Not available — pH: 5.5
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 15.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	110	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	85	µg/L	GE

WELL EPT 48

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 13:45
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	16	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 49

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 8:30
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.0	µg/L	GE

WELL EPT 50

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 9:55
Depth to water: Not available — pH: 5.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT 50 collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.7	µg/L	GE

WELL EPT 51

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 9:00
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	9.8	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	6.8	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 8:25
Depth to water: Not available — pH: 5.8
Water elevation: Not available — Alkalinity: 3 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 52 collected on 04/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 53

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 9:20
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	27	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 9:25
Depth to water: Not available — pH: 5.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 14:30
Depth to water: Not available — pH: 5.5
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 56

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 8:10
Depth to water: Not available — pH: 5.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	3.0	µg/L	ET
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	ET
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.7	µg/L	GE

WELL EPT 57

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 9:35
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE

WELL EPT 57 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	9.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
1	Lead	8.0	µg/L	ET
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	ET
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.1	µg/L	GE

WELL EPT 58

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 9:50
Depth to water: Not available — pH: 5.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 22.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Aluminum	180	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	64	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE

WELL EPT 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 9:15
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE

WELL EPT 59 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 11:15
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 24.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	10	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 9:15
Depth to water: Not available — pH: 5.5
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 22.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 62

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 12:35
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 30.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 63

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:40
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	37	µg/L	GE
0	Calcium	38	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 63 collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Zinc	<2.0	µg/L	GE

WELL EPT 64

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:05
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 23.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:00
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 26.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.6	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 8:50
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	4.8	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 10:10
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 23.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.5	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 10:20
Depth to water: Not available — pH: 5.5
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 25.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE

WELL EPT 68 collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	11	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 10:55
Depth to water: Not available — pH: 6.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 24.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 9:20
Depth to water: Not available — pH: 6.2
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.1	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 70 collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:00
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 72

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:50
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.8	µg/L	GE

WELL EPT 73

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:50
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 74

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:05
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 75

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:30
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 23.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE

WELL EPT 75 collected on 05/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	2.6	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 14:45
pH: 5.9
Alkalinity: 1 mg/L
Water temperature: 27.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.5	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	4.2	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.6	µg/L	GE

WELL EPT 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:30
pH: 6.6
Alkalinity: 1 mg/L
Water temperature: 26.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE

WELL EPT 77 collected on 05/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 12:00
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 24.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.1	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.3	µg/L	GE

WELL EPT 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:00
pH: 6.2
Alkalinity: 1 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 79 collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	<10	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	2.8	µg/L	GE

WELL EPT 80

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 9:50
Depth to water: Not available — pH: 5.6
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 81

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 8:50
Depth to water: Not available — pH: 6.2
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	21	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 82

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 9:00
Depth to water: Not available — pH: 6.2
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.9	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 83

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/91 — Time: 8:55
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	3.0	µg/L	ET
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 84

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 9:30
Depth to water: Not available — pH: 5.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT 84 collected on 05/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	< 10	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	4.0	µg/L	ET
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	ET
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 85

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:50
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 23.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	< 3.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	13	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	5.0	µg/L	ET
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	2.8	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	ET
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 86

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:45
pH: 6.0
Alkalinity: 1 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	22	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	156	µg/L	GE

WELL EPT 86 collected on 05/13/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	< 2.0	µg/L	GE
0	Sodium	12	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 87

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:30
pH: 6.0
Alkalinity: 0 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	< 20	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	274	µg/L	GE
0	Silica	102	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
2	Uranium	102,000	µg/L	GE
2	Uranium	2,860	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT 88

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:10
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 27.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 88 collected on 05/14/91, laboratory analyses (cont')

F	Analyte	Result	Unit	Lab
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	222	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 89

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91 — Time: 11:50
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 27.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	338	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.5	µg/L	GE

WELL EPT 90

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 — Time: 9:00
Depth to water: Not available — pH: 5.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 24.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	436	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 91

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 — Time: 10:45
Depth to water: Not available — pH: 6.1
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 28.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	526	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 92

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91 — Time: 9:00
Depth to water: Not available — pH: 6.1
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	858	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 93

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 — Time: 11:15
Depth to water: Not available — pH: 6.2
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 17.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE

WELL EPT 93 collected on 05/20/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	919	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:15
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	18	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,650	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 95

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:50
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 25.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,450	µg/L	GE
0	Silver	<2.0	µg/L	GE

WELL EPT 95 collected on 05/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 96

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 [illegible] /cm
Time: 10:45
pH: 5.9
Alkalinity: 1 mg/L
Water temperature: 24.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.58	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 97

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 14:35
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 28.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.58	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,130	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 98

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91 — Time: 8:25
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 22.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.51	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,920	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 99

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/91 — Time: 10:05
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 24.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.29	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT100

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91 — Time: 11:25
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 29.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT100 collected on 05/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.44	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91 — Time: 8:45
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 25.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	26,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT102

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/91 — Time: 10:30
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 5 µS/cm — Water temperature: 28.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	27,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE

WELL EPT102 collected on 05/31/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/91 — Time: 10:40
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 27.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	13	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	28,600	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91 — Time: 8:55
Depth to water: Not available — pH: 4.3
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 26.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	< 20	µg/L	GE
1	Antimony	3.5	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	2.3	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	40,900	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	18	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

WELL EPT105

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91 — Time: 13:30
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 11 µS/cm — Water temperature: 31.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	23,200	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	3.0	µg/L	GE

WELL EPT106

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/91 — Time: 9:05
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 9 µS/cm — Water temperature: 22.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	< 20	µg/L	GE
1	Antimony	3.2	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	33,500	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/08/91 — Time 11:15
Depth to water Not available — pH 6.4
Water elevation Not available — Alkalinity 1 mg/L
Sp. conductance 2 µS/cm — Water temperature 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	88	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/10/91 — Time 9:25
Depth to water Not available — pH 6.1
Water elevation Not available — Alkalinity 1 mg/L
Sp. conductance 1 µS/cm — Water temperature 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/11/91 — Time 8:30
Depth to water Not available — pH 5.7
Water elevation Not available — Alkalinity 1 mg/L
Sp. conductance 2 µS/cm — Water temperature 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT109 collected on 06/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/12/91 — Time 8:00
Depth to water Not available — pH 5.8
Water elevation Not available — Alkalinity 1 mg/L
Sp. conductance 1 µS/cm — Water temperature 22.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 05/08/91 — Time 10:25
Depth to water Not available — pH 6.1
Water elevation Not available — Alkalinity 1 mg/L
Sp. conductance 2 µS/cm — Water temperature 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.1	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

WELL EPT121 collected on 05/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	2.1	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL EPT122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 10:05
Depth to water: Not available — pH: 7.4
Water elevation: Not available — Alkalinity: 34 mg/L
Sp. conductance: 87 µS/cm — Water temperature: 21.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	80	µS/cm	GE
2	Aluminum	1,380	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	88	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	4.5	µg/L	GE
0	Magnesium	344	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	6.1	µg/L	GE
0	Sodium	17,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
1	Tetrachloroethylene	3.1	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	8.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	44	µg/L	GE

WELL EPT123

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 11:50
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 24.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1 Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.4	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3 Dichloropropene	< 1.0	µg/L	GE
0	cis 1,3 Dichloropropene	< 1.0	µg/L	GE

WELL EPT123 collected on 05/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	5.2	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	2.4	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL EPT124

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 13:15
Depth to water: Not available — pH: 6.5
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 27.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.7	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	5.6	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL EPT125

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 14:10
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	41	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2 Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	20	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT126

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 14:40
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 29.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	57	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	39	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL EPT127

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 15:25
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 31.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL EPT128

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 9:00
Depth to water: Not available — pH: 5.6
Water elevation: Not available — Alkalinity: 15 mg/L
Sp. conductance: 69 µS/cm — Water temperature: 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Aluminum	65	µg/L	GE
0	Barium	9.6	µg/L	GE

WELL EPT128 collected on 05/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	1.2	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	3.7	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	124	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	378	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	4.4	µg/L	GE
0	Sodium	6,390	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	49	µg/L	GE

WELL EPT129

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 9:15
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3 Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.3	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	8.4	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL EPT130

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 10:25
Depth to water: Not available — pH: 5.2
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 22.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE

WELL EPT130 collected on 05/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.3	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL EPT131

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 11:05
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 23.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.5	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL EPT132

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 13:00
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 25.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE

WELL EPT132 collected on 05/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
1	Tetrachloroethylene	2.8	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
1	Trichloroethylene	3.1	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL EPT133

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 14:10
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 28.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	2.3	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL FB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 7:45
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL FB 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 13:05
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

QUALITY CONTROL SAMPLES

WELL FB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 7:35
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL FB 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 7:05
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 10 µS/cm — Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL FB 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 7:00
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 9 µS/cm — Water temperature: 26.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL FB 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 8:20
Depth to water: Not available — pH: 5.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL FB 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 7:30
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL FB 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 13:35
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 26.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL FB 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 7:50
Depth to water: Not available — pH: 5.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 22.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

8. ANALYTICAL RESULTS

This section presents the field and analytical results for samples collected during second quarter 1991. The tables are presented in alphabetical order by well series and in numerical order within each series. The **Site Index by Well Series** following this section contains the area name(s) for each series. The tabular data contain all the analytical results for samples collected during this quarter except for those analyses described in the **Analytical Data Review** and **Quality Control Samples** sections. Some samples are analyzed for field data only and have no laboratory analyses.

The following codes may appear in the tabular data.

B = analyte detected in associated blank as well as in sample
E = exponential notation (e.g., 1.1E−09 μCi/mL = 0.0000000011 μCi/mL)
EM = EPD/EMS Laboratory
F = Flag
GE = General Engineering
1,2,3,4,6,7,8-HPCDD = 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin
1,2,3,4,6,7,8-HPCDF = 1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan
J = estimated value
IT = IT Analytical Services
Lindane = gamma-Benzene hexachloride
MA = M-Area Laboratory
mg/L = milligrams per liter
msl = mean sea level
ng/L = nanograms per liter
NTU = turbidity units
pH = pH units
TOC = top of casing
μCi/mL = microcuries per milliliter
μg/L = micrograms per liter
μS/cm = microsiemens per centimeter

ANALYTICAL RESULTS

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91
Depth to water: 140.95 ft (42.96 m) below TOC
Water elevation: 218.95 ft (66.74 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 121 gal

Time: 14:20
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	916	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	3,730	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dialtate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/l	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL ABP 1A collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz(a)anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	308	µg/L	GE
0	Manganese	2.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	820	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE

WELL ABP 1A collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.050	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,590	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	2,280	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	6.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 3.0E-07	µCi/mL	GE

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91
Depth to water: 155.08 ft (47.27 m) below TOC
Water elevation: 216.82 ft (66.09 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 84 gal

Time: 11:55
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE

WELL ABP 2A collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	3.9	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	498	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 2A collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.10	µg/L	GE
0	Endosulfan II	< 0.10	µg/L	GE
0	Endosulfan sulfate	< 0.10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.10	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutediene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl Iodide)	< 15	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	252	µg/L	GE
0	Manganese	6.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	520	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE

WELL ABP 2A collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,290	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	5.3	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91 — Time: 9:20
Depth to water: 134.13 ft (40.88 m) below TOC — pH: 5.1
Water elevation: 219.57 ft (66.93 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 13 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	4.7	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE

WELL ABP 3 collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyi)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	461	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,860	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

WELL ABP 3 collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00085	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00085	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl Iodide)	<15	µg/L	GE
0	Iron	17	µg/L	GE
0	Isobutyl alcohol	<100	µg/l	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	8.2	µg/L	GE
0	Nitrate as nitrogen	500	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 3 collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,820	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	29	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	5.5	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91 — Time: 10:50
Depth to water: 159.54 ft (48.63 m) below TOC — pH: 6.3
Water elevation: 194.98 ft (59.42 m) msl — Alkalinity: 15 mg/L
Sp. conductance: 79 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 91 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE

WELL ABP 3C collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	6,980	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	1,510	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.10	µg/L	GE
0	Endosulfan II	< 0.10	µg/L	GE
0	Endosulfan sulfate	< 0.10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.10	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HRPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	< 0.00040	µg/L	GE

WELL ABP 3C collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl Iodide)	< 15	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	853	µg/L	GE
2	Manganese	55	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	3,100	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	1,150	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,960	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	1,220	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE

WELL ABP 3C collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total dissolved solids	62,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	5.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91 Time: 13:25
Depth to water: 147.93 ft (45.09 m) below TOC pH: 4.8
Water elevation: 216.37 ft (65.95 m) msl Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 89 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,140	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,900	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 4 collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	< 10	µg/l	GE
0	Chloroform	< 1.0	µg/l	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/l	GE
0	2-Chloronaphthalene	< 10	µg/l	GE
0	2-Chlorophenol	< 10	µg/l	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/l	GE
0	Chloroprene	< 200	µg/l	GE
0	Chromium	< 4.0	µg/l	GE
0	Chrysene	< 10	µg/l	GE
0	Cobalt	< 4.0	µg/l	GE
0	Copper	< 4.0	µg/l	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/l	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/l	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/l	GE
0	Cyanide	< 5.0	µg/l	GE
0	p,p'-DDD	< 0.50	µg/l	GE
0	p,p'-DDE	< 0.50	µg/l	GE
0	p,p'-DDT	< 0.50	µg/l	GE
0	Di-n-butyl phthalate	< 10	µg/l	GE
0	Di-n-octyl phthalate	< 10	µg/l	GE
0	Diallate	< 10	µg/l	GE
0	Dibenz[a,h]anthracene	< 10	µg/l	GE
0	Dibenzofuran	< 10	µg/l	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/l	GE
0	Dibromochloromethane	< 1.0	µg/l	GE
0	1,2-Dibromoethane	< 20	µg/l	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/l	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/l	GE
0	1,2-Dichlorobenzene	< 10	µg/l	GE
0	1,3-Dichlorobenzene	< 10	µg/l	GE
0	1,4-Dichlorobenzene	< 10	µg/l	GE
0	3,3'-Dichlorobenzidine	< 10	µg/l	GE
0	Dichlorodifluoromethane	< 1.0	µg/l	GE
0	1,1-Dichloroethane	< 1.0	µg/l	GE
0	1,2-Dichloroethane	< 1.0	µg/l	GE
0	1,1-Dichloroethylene	< 1.0	µg/l	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/l	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/l	GE
0	2,4-Dichlorophenol	< 10	µg/l	GE
0	2,6-Dichlorophenol	< 10	µg/l	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/l	GE
0	1,2-Dichloropropane	< 1.0	µg/l	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/l	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/l	GE
0	Dieldrin	< 0.50	µg/l	GE
0	Diethyl phthalate	< 10	µg/l	GE
0	Dimethoate	< 10	µg/l	GE
0	2,4-Dimethyl phenol	< 10	µg/l	GE
0	Dimethyl phthalate	< 10	µg/l	GE
0	p-Dimethylaminoazobenzene	< 10	µg/l	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/l	GE
0	3,3'-Dimethylbenzidine	< 10	µg/l	GE
0	a,a-Dimethylphenethylamine	< 10	µg/l	GE
0	1,3-Dinitrobenzene	< 10	µg/l	GE
0	2,4-Dinitrophenol	< 45	µg/l	GE
0	2,4-Dinitrotoluene	< 10	µg/l	GE
0	2,6-Dinitrotoluene	< 10	µg/l	GE
0	1,4-Dioxane	< 10	µg/l	GE
0	Diphenylamine	< 10	µg/l	GE
0	Disulfoton	< 10	µg/l	GE
0	Endosulfan I	< 0.10	µg/l	GE
0	Endosulfan II	< 0.10	µg/l	GE
0	Endosulfan sulfate	< 0.10	µg/l	GE
0	Endrin	< 0.0000	µg/l	GE
0	Endrin aldehyde	< 0.10	µg/l	GE
0	Ethyl methacrylate	< 10	µg/l	GE
0	Ethyl methanesulfonate	< 10	µg/l	GE
0	Ethylbenzene	< 1.0	µg/l	GE
0	Famphur	< 10	µg/l	GE
0	Fluoranthene	< 10	µg/l	GE
0	Fluorene	< 10	µg/l	GE
0	Fluoride	< 100	µg/l	GE
0	Heptachlor	< 0.50	µg/l	GE
0	Heptachlor epoxide	< 0.50	µg/l	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00005	µg/l	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00005	µg/l	GE
0	1,2,3,4,6,7,8-HpCDF	< 0.00045	µg/l	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/l	GE
0	Hexachlorobenzene	< 10	µg/l	GE
0	Hexachlorobutadiene	< 10	µg/l	GE
0	Hexachlorocyclopentadiene	< 10	µg/l	GE
0	1,2,3,4,7,8-HxCDD	< 0.00045	µg/l	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/l	GE
0	1,2,3,4,7,8-HxCDF	< 0.00040	µg/l	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/l	GE
0	Hexachloroethane	< 10	µg/l	GE
0	Hexachlorophene	< 10	µg/l	GE
0	Hexachloropropene	< 10	µg/l	GE
0	2-Hexanone	< 1.0	µg/l	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/l	GE
0	Iodomethane (Methyl iodide)	< 15	µg/l	GE
0	Iron	< 4.0	µg/l	GE
0	Isobutyl alcohol	< 100	µg/l	GE
0	Isodrin	< 10	µg/l	GE
0	Isophorone	< 10	µg/l	GE
0	Isosafrole	< 10	µg/l	GE
0	Kepone	< 10	µg/l	GE
0	Lead	< 3.0	µg/l	GE
0	Lindane	< 0.0050	µg/l	GE
0	Lithium	6.0	µg/l	GE

WELL ABP 4 collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	446	µg/l	GE
0	Manganese	5.2	µg/l	GE
0	Mercury	< 0.20	µg/l	GE
0	Methacrylonitrile	< 50	µg/l	GE
0	Methapyrilene	< 10	µg/l	GE
0	Methoxychlor	< 0.50	µg/l	GE
0	Methyl ethyl ketone	< 10	µg/l	GE
0	Methyl isobutyl ketone	< 1.0	µg/l	GE
0	Methyl methacrylate	< 10	µg/l	GE
0	Methyl methanesulfonate	< 10	µg/l	GE
0	2-Methyl 4,6-dinitrophenol	< 50	µg/l	GE
0	3 Methylcholanthrene	< 10	µg/l	GE
0	2-Methylnaphthalene	< 10	µg/l	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/l	GE
0	N-Nitrosodi-propylamine	< 10	µg/l	GE
0	N-Nitrosodiethylamine	< 10	µg/l	GE
0	N-Nitrosodimethylamine	< 10	µg/l	GE
0	N-Nitrosodiphenylamine	< 10	µg/l	GE
0	N-Nitrosomethylethylamine	< 10	µg/l	GE
0	N-Nitrosomorpholine	< 10	µg/l	GE
0	N-Nitrosopiperidine	< 10	µg/l	GE
0	N-Nitrosopyrrolidine	< 10	µg/l	GE
0	Naphthalene	< 10	µg/l	GE
0	1,4-Naphthoquinone	< 10	µg/l	GE
0	1-Naphthylamine	< 10	µg/l	GE
0	2-Naphthylamine	< 10	µg/l	GE
0	Nickel	< 4.0	µg/l	GE
0	Nitrate as nitrogen	1,200	µg/l	GE
0	5-Nitro-o-toluidine	< 10	µg/l	GE
0	2-Nitroaniline	< 10	µg/l	GE
0	3-Nitroaniline	< 10	µg/l	GE
0	4-Nitroaniline	< 10	µg/l	GE
0	Nitrobenzene	< 10	µg/l	GE
0	2-Nitrophenol	< 10	µg/l	GE
0	4-Nitrophenol	< 10	µg/l	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/l	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/l	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/l	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/l	GE
0	Parathion	< 0.50	µg/l	GE
0	Parathion methyl	< 0.50	µg/l	GE
0	PCB 1016	< 0.50	µg/l	GE
0	PCB 1221	< 0.50	µg/l	GE
0	PCB 1232	< 0.50	µg/l	GE
0	PCB 1242	< 0.50	µg/l	GE
0	PCB 1248	< 0.50	µg/l	GE
0	PCB 1254	< 0.50	µg/l	GE
0	PCB 1260	< 0.50	µg/l	GE
0	Pentachlorobenzene	< 10	µg/l	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/l	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/l	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/l	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/l	GE
0	Pentachloroethane	< 10	µg/l	GE
0	Pentachloronitrobenzene	< 10	µg/l	GE
0	Pentachlorophenol	< 10	µg/l	GE
0	Phenacetin	< 10	µg/l	GE
0	Phenanthrene	< 10	µg/l	GE
0	Phenol	< 10	µg/l	GE
0	Phenols	< 5.0	µg/l	GE
0	Phenols	< 5.0	µg/l	GE
0	p-Phenylenediamine	< 10	µg/l	GE
0	Phorate	< 0.50	µg/l	GE
0	2-Picoline	< 10	µg/l	GE
0	Potassium	< 500	µg/l	GE
0	Pronamid	< 10	µg/l	GE
0	Propionitrile	< 200	µg/l	GE
0	Pyrene	< 10	µg/l	GE
0	Pyridine	< 10	µg/l	GE
0	Safrole	< 10	µg/l	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/l	GE
0	Selenium	< 2.0	µg/l	GE
0	Silica	7,430	µg/l	GE
0	Silver	< 2.0	µg/l	GE
0	Styrene	< 1.0	µg/l	GE
0	Sulfate	< 1,000	µg/l	GE
0	Sulfide	< 1,000	µg/l	GE
0	Sulfotepp	< 10	µg/l	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/l	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/l	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/l	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/l	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/l	GE
0	Tetrachloroethylene	< 1.0	µg/l	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/l	GE
0	Thallium	< 2.0	µg/l	GE
0	Thionazin	< 10	µg/l	GE
0	Tin	< 2.0	µg/l	GE
0	Toluene	< 1.0	µg/l	GE
0	o-Toluidine	< 10	µg/l	GE
0	Total dissolved solids	18,000	µg/l	GE
0	Total organic carbon	< 1,000	µg/l	GE
0	Total organic halogens	5.4	µg/l	GE
0	Total organic halogens	15	µg/l	GE
0	Total phosphates (as P)	< 50	µg/l	GE
0	Toxaphene	< 0.24	µg/l	GE
0	2,4,5-TP (Silvex)	< 0.000	µg/l	GE
0	1,2,4-Trichlorobenzene	< 10	µg/l	GE
0	1,1,1-Trichloroethane	< 1.0	µg/l	GE
0	1,1,2-Trichloroethane	< 1.0	µg/l	GE

WELL ABP 4 collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	2,4,5-Trichlorophenol	< 10	µg/L	QE
0	2,4,6-Trichlorophenol	< 10	µg/L	QE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.000	µg/L	QE
0	1,2,3-Trichloropropane	< 20	µg/L	QE
0	1,3,5-Trinitrobenzene	< 10	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Vinyl acetate	< 1.0	µg/L	QE
0	Xylenes	< 1.0	µg/L	QE
0	Zinc	4.1	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE
0	Tritium	1.6E-06 ± 3.0E-07	µCi/mL	QE

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91 Time: 12:25
Depth to water: 177.21 ft (54.01 m) below TOC pH: 11.0
Water elevation: 194.89 ft (59.40 m) msl Alkalinity: 790 mg/L
Sp. conductance: 2770 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 3 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	QE
2	Specific conductance	3,010	µS/cm	QE
0	Acetone	< 1.0	µg/L	QE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	QE
0	Acrolein	< 20	µg/L	QE
0	Acrylonitrile	< 20	µg/L	QE
0	Allyl chloride	< 50	µg/L	QE
2	Antimony	12	µg/L	QE
2	Antimony	11	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	508	µg/L	QE
0	Barium	504	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Beryllium	< 5.0	µg/L	QE
0	Beryllium	< 5.0	µg/L	QE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	130,000	µg/L	QE
0	Calcium	130,000	µg/L	QE
0	Carbon disulfide	< 1.0	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	3,800	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chloroprene	< 200	µg/L	QE
0	Chromium	21	µg/L	QE
0	Chromium	21	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	19	µg/L	QE
0	Copper	19	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,2-Dibromoethane	< 20	µg/L	QE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	QE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	QE
0	Dichlorodifluoromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	170	µg/L	QE
0	2-Hexanone	< 1.0	µg/L	QE
0	Iodomethane (Methyl iodide)	< 15	µg/L	QE
0	Iron	28	µg/L	QE
0	Iron	28	µg/L	QE
0	Isobutyl alcohol	< 100	µg/L	QE
1	Lead	9.6	µg/L	QE
2	Lithium	224	µg/L	QE
2	Lithium	221	µg/L	QE
0	Magnesium	11	µg/L	QE
0	Magnesium	< 2.0	µg/L	QE
0	Manganese	9.0	µg/L	QE
0	Manganese	< 2.0	µg/L	QE

WELL ABP 8C collected on 05/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Mercury	< 0.20	µg/L	QE
0	Methacrylonitrile	< 50	µg/L	QE
0	Methyl ethyl ketone	< 10	µg/L	QE
0	Methyl isobutyl ketone	< 1.0	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nitrate as nitrogen	300	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	55,000	µg/L	QE
0	Potassium	55,000	µg/L	QE
0	Propionitrile	< 200	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	7,200	µg/L	QE
0	Silica	7,230	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Styrene	< 1.0	µg/L	QE
0	Sulfate	15,800	µg/L	QE
0	Sulfide	< 1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Thallium	< 2.0	µg/L	QE
0	Tin	< 2.0	µg/L	QE
0	Tin	< 2.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	788,000	µg/L	QE
0	Total dissolved solids	785,000	µg/L	QE
0	Total organic carbon	4,000	µg/L	QE
0	Total organic halogens	12	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	1,2,3-Trichloropropane	< 20	µg/L	QE
0	Vanadium	18	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Vinyl acetate	< 1.0	µg/L	QE
0	Xylenes	< 1.0	µg/L	QE
0	Zinc	11	µg/L	QE
0	Zinc	12	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
2	Nonvolatile beta	8.0E-08 ± 1.6E-08	µCi/mL	QE
1	Total radium	4.6E-09 ± 3.4E-09	µCi/mL	QE
0	Tritium	2.1E-08 ± 3.0E-07	µCi/mL	QE

WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91 Time: 12:50
Depth to water: 154.04 ft (47.13 m) below TOC
Water elevation: 216.26 ft (65.92 m) msl
The well pumped dry before all field parameters were collected

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 Time: 13:10
Depth to water: 101.59 ft (30.97 m) below TOC pH: 4.7
Water elevation: 223.21 ft (68.04 m) msl Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	1.5	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	1.5	µg/L	MA

ANALYTICAL RESULTS

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 15:15
Depth to water: 60.38 ft (18.39 m) below TOC — pH: 5.1
Water elevation: 211.71 ft (64.53 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 16.5°C
Water evacuated before sampling: 180 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	QE
0	Specific conductance	21	µS/cm	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	6.3	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	1,470	µg/L	QE
0	Chloride	2,040	µg/L	QE
0	Chloride	2,270	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	8.3	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Magnesium	330	µg/L	QE
0	Manganese	8.7	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Nitrate as nitrogen	420	µg/L	QE
0	Nitrate as nitrogen	440	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	<500	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	11,600	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	2,010	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Total dissolved solids	24,000	µg/L	QE
0	Total dissolved solids	22,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
0	Total organic halogens	14	µg/L	QE
0	Total organic halogens	9.0	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
0	Nonvolatile beta	<2.0E-09	µCi/mL	QE
0	Total radium	<1.0E-09	µCi/mL	QE
0	Tritium	2.1E-08 ± 2.0E-07	µCi/mL	QE
0	Tritium	2.0E-08 ± 2.0E-07	µCi/mL	QE

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 14:50
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity: 3 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 16.0°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	QE
0	Specific conductance	24	µS/cm	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	12	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	1,110	µg/L	QE
0	Chloride	2,810	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	14	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Magnesium	577	µg/L	QE
0	Manganese	14	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Nitrate as nitrogen	630	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	<500	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	9,720	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	2,730	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Total dissolved solids	28,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
0	Total organic halogens	20	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/ml	QE
0	Gross alpha	<2.0E-09	µCi/ml	QE
0	Nonvolatile beta	<2.0E-09	µCi/ml	QE
0	Nonvolatile beta	<2.0E-09	µCi/ml	QE
0	Total radium	<1.0E-09	µCi/ml	QE
0	Total radium	<1.0E-09	µCi/ml	QE
0	Tritium	2.4E-08 ± 2.0E-07	µCi/ml	QE

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 8:50
Depth to water: 126.97 ft (38.40 m) below TOC — pH: 5.8
Water elevation: 218.73 ft (66.67 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 17.5°C
Water evacuated before sampling: 204 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	QE
0	Specific conductance	27	µS/cm	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	6.8	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	4,360	µg/L	QE
0	Chloride	1,720	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	<4.0	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Magnesium	347	µg/L	QE
0	Manganese	2.1	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Nitrate as nitrogen	650	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	<500	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	9,030	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	1,780	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Total dissolved solids	23,000	µg/L	QE
0	Total dissolved solids	22,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/ml	QE
0	Nonvolatile beta	<2.0E-09	µCi/ml	QE
0	Total radium	1.1E-09 ± 2.5E-09	µCi/ml	QE
0	Tritium	1.1E-08 ± 2.0E-07	µCi/ml	QE

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 9:05
Depth to water: 119.48 ft (36.42 m) below TOC — pH: 5.0
Water elevation: 225.32 ft (68.68 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	QE
0	Specific conductance	19	µS/cm	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	4.2	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	1,070	µg/L	QE
0	Chloride	2,470	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	<4.0	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Magnesium	475	µg/L	QE
0	Manganese	2.3	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Nitrate as nitrogen	210	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	<500	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	8,560	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	1,630	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Total dissolved solids	9,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/ml	QE
0	Nonvolatile beta	<2.0E-09	µCi/ml	QE
0	Total radium	<1.0E-09	µCi/ml	QE
0	Tritium	2.9E-08 ± 3.0E-07	µCi/ml	QE

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 10:15
Depth to water: 96.17 ft (29.31 m) below TOC — pH: 5.9
Water elevation: 208.13 ft (62.83 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 151 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,010	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chloroform	3.2	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	332	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,570	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	1,240	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	135,000	µg/L	GE
0	Total organic carbon	<1,000	µg/l	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 10:15
Depth to water: 96.17 ft (29.31 m) below TOC — pH: 5.9
Water elevation: 208.13 ft (62.83 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 151 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,760	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,360	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chromium	<4.0	µg/l	GE
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	337	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,490	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sulfate	1,430	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09 ± 2.8E-09	µCi/mL	GE
2	Total radium	8.2E-09 ± 4.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AC 3A collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	<7.0E-07	µCi/ml	GE

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 10:35
Depth to water: 94.67 ft (28.86 m) below TOC — pH: 9.2
Water elevation: 207.63 ft (63.39 m) msl — Alkalinity: 37 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 173 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.3	pH	GE
0	Specific conductance	76	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	15,000	µg/L	GE
0	Chloride	2,410	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	319	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	560	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	56,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	99	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.8E-08 ± 3.0E-07	µCi/mL	GE

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 16:40
Depth to water: 124.39 ft (37.91 m) below TOC — pH: 5.7
Water elevation: 235.21 ft (71.69 m) msl — Alkalinity: 18 mg/L
Sp. conductance: 87 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 17:00
Depth to water: 112.80 ft (34.32 m) below TOC — pH: 5.4
Water elevation: 237.20 ft (72.30 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 56 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 77 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA

ANALYTICAL RESULTS

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 17:15
Depth to water: 112.18 ft (34.19 m) below TOC — pH: 4.9
Water elevation: 236.12 ft (71.97 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 136 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 78 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 17:15
Depth to water: 112.18 ft (34.19 m) below TOC — pH: 4.9
Water elevation: 236.12 ft (71.97 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 136 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 78 gal

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 17:35
Depth to water: 122.38 ft (37.30 m) below TOC — pH: 5.0
Water elevation: 236.74 ft (72.16 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 170 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 10:00
Depth to water: 149.14 ft (45.46 m) below TOC — pH: 5.6
Water elevation: 231.26 ft (70.49 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 49 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 3 gal
There was insufficient water to fill all of some sample bottles

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,070	µg/L	GE
0	Carbon tetrachloride	1.8	µg/L	GE
0	Chloride	3,220	µg/L	GE
0	Chloride	3,120	µg/L	GE
0	Chloroform	2.2	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	77	µg/L	GE
2	Lead	44	µg/L	GE
0	Magnesium	430	µg/L	GE
0	Manganese	16	µg/L	GE

WELL AMB 4 collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Mercury	< 0.20	µg/L	GE
0	Nickel	16	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	GE
0	Nitrate as nitrogen	1,440	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,970	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	9,010	µg/L	GE
0	Sulfate	2,180	µg/L	GE
0	Sulfate	1,970	µg/L	GE
2	Tetrachloroethylene	8.5	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	78	µg/L	GE
2	Total organic halogens	88	µg/L	GE
2	Total organic halogens	90	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	1.0	µg/L	GE
2	Trichloroethylene	144	µg/L	GE
0	Gross alpha	< 2.0E-08	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 2.6E-09	µCi/mL	GE
1	Total radium	3.4E-08 ± 3.3E-09	µCi/mL	GE

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 14:40
Depth to water: 148.34 ft (45.21 m) below TOC — pH: 4.8
Water elevation: 231.26 ft (70.49 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	288	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,900	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	659	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,560	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,830	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	7,410	µg/L	GE
0	Sulfate	3,230	µg/L	GE
2	Tetrachloroethylene	8.3	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	65	µg/L	GE
2	Total organic halogens	65	µg/L	GE
2	Total organic halogens	85	µg/L	GE
2	Total organic halogens	72	µg/L	GE
2	Total organic halogens	78	µg/L	GE
2	Total organic halogens	80	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
2	Trichloroethylene	124	µg/L	GE
0	Gross alpha	2.2E-09 ± 1.4E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
2	Total radium	8.4E-09 ± 3.7E-09	µCi/mL	GE

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 10:45
Depth to water: 145.82 ft (44.48 m) below TOC — pH: 5.4
Water elevation: 231.28 ft (70.50 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	36	µS/cm	GE
0	Specific conductance	37	µS/cm	GE
0	Specific conductance	37	µS/cm	GE
0	Specific conductance	37	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	183	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	7,180	µg/L	GE
0	Chloroform	1.9	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	68	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,050	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,840	µg/L	GE
0	Sulfate	3,740	µg/L	GE
0	Tetrachloroethylene	1.1	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	55	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 11:10
Depth to water: 136.18 ft (42.11 m) below TOC — pH: 6.4
Water elevation: 231.74 ft (70.64 m) msl — Alkalinity: 50 mg/L
Sp. conductance: 131 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 7 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	pH	6.6	pH	GE
0	pH	6.8	pH	GE
0	pH	6.6	pH	GE
0	Specific conductance	77	µS/cm	GE
0	Specific conductance	77	µS/cm	GE
0	Specific conductance	77	µS/cm	GE
0	Specific conductance	78	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,870	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,930	µg/L	GE
0	Chloroform	1.8	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE

WELL AMB 7 collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iron	49	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	503	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	29	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,150	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	27,700	µg/L	GE
0	Sulfate	3,120	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	154	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.7E-09	µCi/mL	GE

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 1[illegible]00
Depth to water: 138.27 ft (42.15 m) below TOC — pH: 5.4
Water elevation: 231.33 ft (70.51 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.8	pH	GE
0	pH	6.0	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	582	µg/L	GE
0	Calcium	584	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,530	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	174	µg/L	GE
0	Magnesium	175	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,330	µg/L	GE
0	Silica	8,360	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,700	µg/L	GE
0	Sodium	6,710	µg/L	GE
0	Sulfate	1,680	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 8D collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	9.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09 ± 3.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91
Depth to water: 136.24 ft (41.53 m) below TOC
Water elevation: 231.88 ft (70.81 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 31 gal
Time: 14:00
pH: 5.5
Alkalinity: 6 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.9	pH	GE
0	pH	5.9	pH	GE
0	Specific conductance	37	µS/cm	GE
0	Specific conductance	37	µS/cm	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	38	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	429	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,890	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	140	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,080	µg/L	GE
0	Silver	7.7	µg/L	GE
0	Sodium	9,050	µg/L	GE
0	Sulfate	2,660	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 1.0E-09	µCi/mL	GE

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 132.43 ft (40.37 m) below TOC
Water elevation: 233.07 ft (71.04 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 38 gal
Time: 14:55
pH: 5.7
Alkalinity: 12 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	pH	6.2	pH	GE

WELL AMB 10D collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Specific conductance	43	µS/cm	GE
0	Specific conductance	43	µS/cm	GE
0	Specific conductance	44	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,060	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,940	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	129	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	701	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,770	µg/L	GE
0	Sulfate	5,320	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 2.6E-09	µCi/mL	GE

WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 7.61 ft (2.32 m) below TOC
Water elevation: 357.79 ft (109.06 m) msl
Sp. conductance: 120 µS/cm
Water evacuated before sampling: 50 gal
Time: 15:15
pH: 6.4
Alkalinity: 38 mg/L
Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	pH	6.6	pH	GE
0	pH	6.6	pH	GE
0	pH	6.7	pH	GE
0	Specific conductance	82	µS/cm	GE
0	Specific conductance	85	µS/cm	GE
0	Specific conductance	85	µS/cm	GE
0	Specific conductance	85	µS/cm	GE
0	Arsenic	3.4	µg/L	GE
0	Barium	9.1	µg/L	GE
0	Barium	9.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,740	µg/L	GE
0	Calcium	4,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,570	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	5,200	µg/L	GE
2	Iron	5,180	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	427	µg/L	GE
0	Magnesium	425	µg/L	GE
2	Manganese	247	µg/L	GE
2	Manganese	246	µg/L	GE

WELL AMB 10DD collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,390	µg/L	GE
0	Silica	4,390	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,200	µg/L	GE
0	Sodium	17,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.2E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91
Depth to water: 130.03 ft (39.63 m) below TOC
Water elevation: 233.97 ft (71.31 m) msl
Sp. conductance: 69 µS/cm
Water evacuated before sampling: 71 gal

Time: 12:15
pH: 6.3
Alkalinity: 37 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Specific conductance	51	µS/cm	GE
0	Specific conductance	51	µS/cm	GE
0	Specific conductance	52	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,460	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,840	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	60	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	670	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,720	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,070	µg/L	GE
0	Sulfate	3,750	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE

WELL AMB 11D collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.7E-09	µCi/mL	GE

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 137.33 ft (41.86 m) below TOC
Water elevation: 232.47 ft (70.86 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 61 gal

Time: 16:00
pH: 6.0
Alkalinity: 15 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.4	pH	GE
0	pH	6.5	pH	GE
0	pH	6.5	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,260	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,670	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	341	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	880	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,260	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,450	µg/L	GE
0	Silver	6.1	µg/L	GE
0	Sodium	6,350	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91
Depth to water: 107.86 ft (32.91 m) below TOC
Water elevation: 233.14 ft (71.06 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 38 gal

Time: 13:35
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<10	µg/L	GE

ANALYTICAL RESULTS

WELL AOB 1 collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 5.0	µg/L	MA
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 5.0	µg/L	MA
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	Endosulfan I	< 10	µg/L	GE
0	Endosulfan II	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lindane	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE
0	PCB 1232	< 150	µg/L	GE
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 1254	< 150	µg/L	GE
0	PCB 1260	< 150	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
2	Tetrachloroethylene	117	µg/L	MA
0	Toxaphene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA
2	Trichloroethylene	121	µg/L	MA
0	2,4,6-Trichlorophenol	< 10	µg/L	GE

WELL AOB 2 collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	Endosulfan I	< 10	µg/L	GE
0	Endosulfan II	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lindane	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE
0	PCB 1232	< 150	µg/L	GE
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 1254	< 150	µg/L	GE
0	PCB 1260	< 150	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Toxaphene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	2,4,6-Trichlorophenol	< 10	µg/L	GE

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 Time: 14:10
Depth to water: 139.91 ft (39.55 m) below TOC pH: 4.9
Water elevation: 235.48 ft (71.78 m) msl Alkalinity: 1 mg/L
Sp. conductance: 20 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 14:10
Depth to water: 109.91 ft (33.50 m) below TOC — pH: 4.9
Water elevation: 235.49 ft (71.78 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	Endosulfan I	< 10	µg/L	GE
0	Endosulfan II	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lindane	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE
0	PCB 1232	< 150	µg/L	GE
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 1254	< 150	µg/L	GE
0	PCB 1260	< 150	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Toxaphene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA

WELL AOB 2 collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	1.8	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	2,4,6-Trichlorophenol	< 10	µg/L	GE

WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 7:55
Depth to water: 117.03 ft (35.67 m) below TOC — pH: 5.3
Water elevation: 235.57 ft (71.80 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 17.6°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	Endosulfan I	< 10	µg/L	GE
0	Endosulfan II	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lindane	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE
0	PCB 1232	< 150	µg/L	GE
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 1254	< 150	µg/L	GE
0	PCB 1260	< 150	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL AOB 3 collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Toxaphene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	2,4,6-Trichlorophenol	< 10	µg/L	GE

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 7:40
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	1.7	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	1.3	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
2	Trichloroethylene	20	µg/L	MA

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 8:05
Depth to water: 123.42 ft (37.62 m) below TOC — pH: 5.1
Water elevation: 213.88 ft (65.19 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 62 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	1.1	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 7:20
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	2.0	µg/L	MA

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 14:30
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 3 mg/L
Sp. conductance: 74 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	67	µS/cm	GE
0	Specific conductance	67	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	709	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE

WELL ASB 1A collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	6,080	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Copper	10	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	283	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	430	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	1,920	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	11,900	µg/L	GE
0	Sulfate	13,000	µg/L	GE
1	Tetrachloroethylene	3.2	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	38	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	1.2	µg/L	GE
0	Trichloroethylene	1.1	µg/L	MA
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	2.1E-06 ± 3.0E-07	µCi/mL	GE

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 13:15
Depth to water: 112.63 ft (34.33 m) below TOC — pH: 5.6
Water elevation: 238.37 ft (72.05 m) msl — Alkalinity: 15 mg/L
Sp. conductance: 75 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	69	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Barium	9.2	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Calcium	1,970	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	4,520	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	33	µg/L	GE
0	Iron	35	µg/L	GE
0	Lead	3.2	µg/L	GE
0	Magnesium	541	µg/L	GE
0	Magnesium	528	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Manganese	4.9	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	1,940	µg/L	GE
0	Silica	1,900	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	11,500	µg/L	GE
0	Sodium	11,300	µg/L	GE
0	Sulfate	5,650	µg/L	GE
0	Tetrachloroethylene	1.5	µg/L	GE
0	Tetrachloroethylene	1.4	µg/L	MA
0	Total organic carbon	< 1,000	µg/L	GE

WELL ASB 2A collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	8.3E-07 ± 2.0E-07	µCi/mL	GE

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 13:15
Depth to water: 112.63 ft (34.33 m) below TOC — pH: 5.8
Water elevation: 238.37 ft (72.05 m) msl — Alkalinity: 15 mg/L
Sp. conductance: 75 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	63	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,950	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,700	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	3.4	µg/L	GE
0	Magnesium	516	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,870	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10,900	µg/L	GE
0	Sulfate	6,890	µg/L	GE
0	Tetrachloroethylene	1.5	µg/L	GE
0	Tetrachloroethylene	1.2	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.2	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL ASB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 13:30
Depth to water: 127.85 ft (38.97 m) below TOC
Water elevation: 221.55 ft (67.53 m) msl
The well pumped dry before all field parameters were collected

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 12:20
Depth to water: 107.63 ft (32.81 m) below TOC — pH: 5.5
Water elevation: 237.37 ft (72.35 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,270	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,260	µg/L	GE
0	Chloride	4,480	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	451	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	12	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	GE
0	Nitrate as nitrogen	360	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,490	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,270	µg/L	GE
0	Sulfate	3,240	µg/L	GE
0	Sulfate	3,270	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	40	µg/L	GE
1	Total organic halogens	41	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL ASB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 12:40
Depth to water: 124.83 ft (38.05 m) below TOC — pH: 9.5
Water elevation: 221.17 ft (67.41 m) msl — Alkalinity: 122 mg/L
Sp. conductance: 178 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 172 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.9	pH	GE
0	Specific conductance	140	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	32	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	16,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,150	µg/L	GE
0	Chloroform	1.8	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethylene	<10	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	688	µg/L	GE
0	Manganese	20	µg/L	GE
1	Mercury	1.1	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	510	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 3C collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,150	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,750	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,860	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	188	µg/L	GE
2	Tetrachloroethylene	250	µg/L	MA
0	Total dissolved solids	75,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	2,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	1,530	µg/L	GE
2	Trichloroethylene	1,350	µg/L	MA
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.3E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	2.9E-05 ± 8.0E-07	µCi/mL	GE

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/91 Time: 15:05
Inaccessibility or pump failure prevented sample collection.

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 Time: 16:05
Depth to water: 109.73 ft (33.45 m) below TOC pH: 5.1
Water elevation: 235.27 ft (71.71 m) msl Alkalinity: 5 mg/L
Sp. conductance: 47 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,600	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	869	µg/L	GE
0	Manganese	6.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	390	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,360	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,650	µg/L	GE
0	Sulfate	3,410	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	41	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Trichloroethylene	4.2	µg/L	GE
1	Trichloroethylene	4.4	µg/L	MA
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.8E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 9.0E-07	µCi/mL	GE

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 Time: 15:10
Depth to water: 115.92 ft (35.33 m) below TOC pH: 4.8
Water elevation: 234.28 ft (71.41 m) msl Alkalinity: 1 mg/L
Sp. conductance: 88 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	883	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,550	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	7.2	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	118	µg/L	GE
0	Lead	3.4	µg/L	GE
0	Magnesium	355	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	7.7	µg/L	GE
0	Nitrate as nitrogen	1,880	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,150	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,400	µg/L	GE
0	Sulfate	12,300	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	GE
0	Tetrachloroethylene	1.7	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.9	µg/L	GE
0	Trichloroethylene	2.0	µg/L	MA
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	5.5E-06 ± 4.0E-07	µCi/mL	GE

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 Time: 15:20
Depth to water: 131.15 ft (39.98 m) below TOC pH: 5.4
Water elevation: 222.45 ft (67.80 m) msl Alkalinity: 9 mg/L
Sp. conductance: 47 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 129 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,960	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethylene	<10	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	6.5	µg/L	GE
0	Lead	2.4	µg/L	GE
0	Magnesium	624	µg/L	GE
1	Manganese	29	µg/L	GE
0	Mercury	0.43	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	440	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,410	µg/L	GE

WELL ASB 6C collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	1,200	µg/L	GE
2	Tetrachloroethylene	51	µg/L	GE
2	Tetrachloroethylene	57	µg/L	MA
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	75	µg/L	GE
2	Total organic halogens	80	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 10	µg/L	MA
2	Trichloroethylene	11	µg/L	GE
2	Trichloroethylene	11	µg/L	MA
0	Zinc	9.8	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.8E-09	µCi/mL	GE
0	Total activity	2.0E-08 ± 9.4E-07	µCi/mL	EM
0	Total radium	1.3E-08 ± 2.5E-09	µCi/mL	GE
0	Tritium	1.8E-08 ± 3.0E-07	µCi/mL	GE

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 12:00
Depth to water: 140.38 ft (42.78 m) below TOC — pH: 11.1
Water elevation: 212.54 ft (64.79 m) msl — Alkalinity: 186 mg/L
Sp. conductance: 799 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 37 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	800	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	55	µg/L	GE
0	Barium	57	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	65,200	µg/L	GE
0	Calcium	63,700	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,890	µg/L	GE
0	Chloroform	7.0	µg/L	GE
0	Chloroform	< 10	µg/L	MA
2	Chromium	117	µg/L	GE
2	Chromium	117	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	trans-1,2-Dichloroethylene	< 10	µg/L	MA
0	Fluoride	110	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
1	Lead	7.7	µg/L	GE
0	Magnesium	15	µg/L	GE
0	Magnesium	16	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Manganese	3.5	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	900	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	11,200	µg/L	GE
0	Potassium	11,800	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	19,400	µg/L	GE
0	Sodium	20,800	µg/L	GE
0	Sulfate	12,800	µg/L	GE
1	Tetrachloroethylene	4.5	µg/L	GE
0	Tetrachloroethylene	< 10	µg/L	MA
0	Total dissolved solids	244,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	556	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 10	µg/L	MA
2	Trichloroethylene	690	µg/L	GE
2	Trichloroethylene	1,220	µg/L	MA
0	Zinc	3.3	µg/L	GE
0	Zinc	5.7	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	5.4E-07 ± 9.1E-07	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 15:40
Depth to water: 120.21 ft (36.64 m) below TOC — pH: 4.8
Water elevation: 233.19 ft (71.08 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 62 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	899	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	7,750	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Copper	14	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	5.3	µg/L	GE
0	Magnesium	426	µg/L	GE
1	Manganese	28	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,800	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	2,190	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	13,900	µg/L	GE
0	Sulfate	11,300	µg/L	GE
0	Tetrachloroethylene	2.4	µg/L	GE
0	Tetrachloroethylene	2.2	µg/L	MA
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
1	Trichloroethylene	4.1	µg/L	GE
1	Trichloroethylene	4.0	µg/L	MA
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	7.1E-08 ± 4.0E-07	µCi/mL	GE

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 14:15
Depth to water: 117.64 ft (35.86 m) below TOC — pH: 4.3
Water elevation: 231.36 ft (70.52 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	3.6	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	347	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	4,560	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Copper	41	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 5.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	271	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	690	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	2,760	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,270	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 8 collected on 05/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	7,630	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MA
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	82	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA
2	Trichloroethylene	134	µg/L	GE
2	Trichloroethylene	160	µg/L	MA
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-08	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	1.2E-08 ± 3.3E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.5E-06 ± 3.0E-07	µCi/mL	GE

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 13.40
Depth to water: 132.45 ft (40.37 m) below TOC — pH: 4.8
Water elevation: 218.85 ft (66.10 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 365 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,130	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,080	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	9.6	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	288	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,060	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,590	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.2E-09 ± 3.8E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 13.55
Depth to water: 135.78 ft (41.39 m) below TOC — pH: 4.6
Water elevation: 213.82 ft (65.17 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 510 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	7.3	µg/L	GE

WELL ASB 8TA collected on 05/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	853	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,840	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Copper	7.2	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	134	µg/L	GE
2	Lead	15	µg/L	GE
0	Magnesium	378	µg/L	GE
0	Manganese	8.9	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,110	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,300	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,380	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 16.05
Depth to water: 68.55 ft (20.89 m) below TOC — pH: 4.6
Water elevation: 240.45 ft (73.29 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,240	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	4,540	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Copper	10	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	200	µg/L	GE
0	Iron	< 4.0	µg/L	GE
1	Lead	7.7	µg/L	GE
1	Lead	8.3	µg/L	GE
0	Magnesium	717	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	2,220	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,510	µg/L	GE
0	Sulfate	8,470	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE

WELL ASB 9 collected on 05/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	< 1.0	µg/L	MA
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	1.2E-08 ± 2.0E-07	µCi/mL	GE

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 15:25
Depth to water: 91.22 ft (27.80 m) below TOC — pH: 8.4
Water elevation: 217.78 ft (66.39 m) msl — Alkalinity: 35 mg/L
Sp. conductance: 97 µS/cm — Water temperature: 10.0°C
Water evacuated before sampling: 380 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	90	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	27	µg/L	GE
0	Barium	28	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	13,700	µg/L	GE
0	Calcium	13,800	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,840	µg/L	GE
0	Chloride	3,840	µg/L	GE
0	Chloroform	2.7	µg/L	GE
0	Chloroform	1.9	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Iron	9.1	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	484	µg/L	GE
0	Magnesium	482	µg/L	GE
0	Manganese	9.0	µg/L	GE
0	Manganese	9.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,020	µg/L	GE
0	Potassium	1,010	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,920	µg/L	GE
0	Silica	3,890	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,750	µg/L	GE
0	Sodium	3,780	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	40	µg/L	GE
2	Tetrachloroethylene	54	µg/L	MA
0	Total dissolved solids	46,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	50	µg/L	GE
2	Total organic halogens	71	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
2	Trichloroethylene	49	µg/L	GE
2	Trichloroethylene	71	µg/L	MA
0	Zinc	< 2.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	3.0E-09 ± 2.0E-09	µCi/ml	GE
0	Total radium	< 1.0E-09	µCi/ml	GE
0	Tritium	< 7.0E-07	µCi/ml	GE

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 16:05
Depth to water: 91.03 ft (28.02 m) below TOC — pH: 8.0
Water elevation: 217.97 ft (66.44 m) msl — Alkalinity: 49 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 10.0°C
Water evacuated before sampling: 104 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.7	pH	GE
0	Specific conductance	81	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	31	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	7,480	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,760	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	520	µg/L	GE
0	Manganese	7.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	860	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,170	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,900	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,790	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	43	µg/L	GE
2	Tetrachloroethylene	37	µg/L	MA
0	Total dissolved solids	59,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	58	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
2	Trichloroethylene	37	µg/L	GE
2	Trichloroethylene	36	µg/L	MA
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.0E-08 ± 2.0E-07	µCi/mL	GE

WELL ASB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 14:00
Depth to water: 127.45 ft (38.85 m) below TOC — pH: 6.7
Water elevation: 221.45 ft (67.50 m) msl — Alkalinity: 20 mg/L
Sp. conductance: 70 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 131 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.3	pH	GE
0	Specific conductance	71	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	8,800	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	8,100	µg/L	GE
0	Chloroform	2.1	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	824	µg/L	GE
1	Manganese	47	µg/L	GE
0	Mercury	0.44	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	860	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	506	µg/L	GE
0	Selenium	< 2.0	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 10C collected on 09/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	3,880	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,810	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	144	µg/L	GE
2	Tetrachloroethylene	223	µg/L	MA
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	398	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 10	µg/L	MA
2	Trichloroethylene	525	µg/L	GE
2	Trichloroethylene	742	µg/L	MA
0	Zinc	22	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	2.1E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/ml	GE
2	Tritium	2.4E-05 ± 7.0E-07	µCi/mL	GE

WELL BG 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 15:25
Depth to water: 60.30 ft (18.38 m) below TOC pH: 6.8
Water elevation: 229.50 ft (69.95 m) msl
Sp. conductance: 33 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	< 0.20	µg/L	GE
2	Gross alpha	1.7E-08 ± 3.8E-09	µCi/mL	GE
1	Nonvolatile beta	3.8E-08 ± 5.7E-09	µCi/mL	GE
0	Total activity	5.2E-04 ± 6.0E-06	µCi/mL	EM
2	Total radium	5.2E-08 ± 8.7E-09	µCi/mL	GE
2	Tritium	5.0E-04 ± 3.2E-06	µCi/mL	GE

WELL BG 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 Time: 9:15
Depth to water: 48.90 ft (14.94 m) below TOC pH: 6.2
Water elevation: 228.20 ft (69.56 m) msl
Sp. conductance: 58 µS/cm Water temperature: 22.9°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	0.23	µg/L	GE
0	Mercury	0.31	µg/L	GE
0	Gross alpha	5.3E-09 ± 2.5E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 4.8E-09	µCi/mL	GE
1	Total radium	4.7E-09 ± 3.3E-09	µCi/mL	GE
2	Tritium	1.0E-04 ± 1.4E-06	µCi/mL	GE

WELL BG 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 Time: 10:40
Depth to water: 50.00 ft (15.24 m) below TOC pH: 6.5
Water elevation: 229.00 ft (69.16 m) msl
Sp. conductance: 42 µS/cm Water temperature: 23.5°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Mercury	4.1	µg/L	GE
0	Gross alpha	2.0E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	1.7E-08 ± 4.0E-09	µCi/mL	GE
0	Total activity	9.9E-03 ± 7.0E-05	µCi/mL	EM
2	Total radium	9.8E-08 ± 1.2E-08	µCi/mL	GE
2	Tritium	1.8E-02 ± 2.0E-05	µCi/mL	GE

WELL BG 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 Time: 12:25
Depth to water: 52.60 ft (16.00 m) below TOC pH: 6.6
Water elevation: 230.20 ft (70.17 m) msl
Sp. conductance: 94 µS/cm Water temperature: 22.7°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	< 0.20	µg/L	GE
0	Gross alpha	6.9E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 3.0E-09	µCi/mL	GE
2	Total radium	1.2E-08 ± 4.8E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 8.0E-07	µCi/mL	GE

WELL BG 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 Time: 12:00
Depth to water: 44.00 ft (13.41 m) below TOC pH: 7.5
Water elevation: 231.50 ft (70.60 m) msl
Sp. conductance: 37 µS/cm Water temperature: 22.8°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	< 0.20	µg/L	GE
0	Gross alpha	7.2E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	9.1E-09 ± 3.4E-09	µCi/mL	GE
2	Total radium	1.6E-08 ± 5.7E-09	µCi/mL	GE
2	Tritium	2.1E-05 ± 7.0E-07	µCi/mL	GE

WELL BG 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 Time: 11:45
Depth to water: 41.20 ft (12.56 m) below TOC pH: 6.8
Water elevation: 233.80 ft (71.20 m) msl
Sp. conductance: 47 µS/cm Water temperature: 22.8°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	0.20	µg/L	GE
0	Gross alpha	4.2E-09 ± 2.3E-09	µCi/mL	GE
0	Gross alpha	3.2E-09 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 4.4E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 4.6E-09	µCi/mL	GE
2	Total radium	5.6E-09 ± 3.5E-09	µCi/mL	GE
2	Tritium	2.4E-05 ± 7.0E-07	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL BG 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:43
Depth to water: 59.00 ft (17.98 m) below TOC pH: 5.6
Water elevation: 235.70 ft (71.84 m) msl
Sp. conductance: 42 µS/cm Water temperature: 21.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Mercury	1.6	µg/L	GE
1	Gross alpha	1.2E-08 ± 3.6E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 3.5E-09	µCi/mL	GE
2	Total radium	8.1E-09 ± 4.0E-09	µCi/mL	GE
2	Tritium	2.3E-04 ± 2.1E-06	µCi/mL	GE

WELL BG 91

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 11:10
Depth to water: 60.93 ft (18.20 m) below TOC — pH: 4.8
Water elevation: 220.07 ft (67.08 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 51 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 16 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Chloride	3,290	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	93	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
1	Iron	203	µg/L	GE
2	Lead	37	µg/L	GE
2	Lead	35	µg/L	GE
0	Magnesium	788	µg/L	GE
0	Manganese	9.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	12	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Silica	2,970	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,430	µg/L	GE
0	Sulfate	6,360	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 3.5E-09	µCi/mL	GE
2	Tritium	5.7E-04 ± 3.4E-06	µCi/mL	GE

WELL BG 92

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 10:15
Depth to water: 45.00 ft (13.72 m) below TOC — pH: 6.9
Water elevation: 210.20 ft (64.07 m) msl — Alkalinity: 62 mg/L
Sp. conductance: 168 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 17 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	138	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	74	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	199	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,800	µg/L	GE
0	Chloride	1,600	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	698	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	11,600	µg/L	GE
0	Silica	2,140	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,530	µg/L	GE
0	Sulfate	2,300	µg/L	GE

WELL BG 92 collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	80,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	114	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 3.0E-09	µCi/mL	GE
0	Tritium	4.4E-06 ± 3.0E-07	µCi/mL	GE

WELL BG 93

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 12:25
Depth to water: 56.10 ft (17.13 m) below TOC — pH: 5.7
Water elevation: 202.31 ft (61.68 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 65 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	59	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	12	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	8.4	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	202	µg/L	GE
0	Chloride	2,140	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	27	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	9.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	91	µg/L	GE
0	Manganese	2.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	1,880	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	12,700	µg/L	GE
1	Total carbon	6,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	32	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	6.9E-06 ± 4.0E-07	µCi/mL	GE

WELL BG 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 11:40
Depth to water: 58.46 ft (17.82 m) below TOC — pH: 5.5
Water elevation: 192.34 ft (58.63 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 102 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 103 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	98	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	11	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,570	µg/L	GE
0	Chloride	2,890	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.4	µg/L	GE

ANALYTICAL RESULTS

WELL BG 94 collected on 05/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	880	µg/L	GE
2	Manganese	89	µg/L	GE
D	Mercury	< 0.20	µg/L	GE
0	Nickel	4.2	µg/L	GE
0	Nitrate as nitrogen	200	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	3,270	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	11,800	µg/L	GE
0	Sulfate	11,300	µg/L	GE
2	Total carbon	10,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
2	Total inorganic carbon	10,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total phosphates (as P)	200	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	1,300	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Tritium	5.0E-08 ± 4.0E-07	µCi/mL	GE

WELL BG 95

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 9:45
Depth to water: 28.36 ft (8.64 m) below TOC — pH: 5.3
Water elevation: 194.14 ft (59.17 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 52 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 109 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.0	mg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Barium	10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,370	µg/L	GE
0	Calcium	2,360	µg/L	GE
0	Chloride	3,340	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	28	µg/L	GE
0	Copper	29	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	24	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	428	µg/L	GE
0	Magnesium	430	µg/L	GE
0	Manganese	6.3	µg/L	GE
0	Manganese	6.3	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	3,210	µg/L	GE
0	Silica	3,220	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,530	µg/L	GE
0	Sodium	4,560	µg/L	GE
0	Sulfate	10,800	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	884	µg/L	GE

WELL BG 95 collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Zinc	883	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Tritium	7.6E-08 ± 4.0E-07	µCi/mL	GE

WELL BG 95

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 9:45
Depth to water: 28.36 ft (8.64 m) below TOC — pH: 5.3
Water elevation: 194.14 ft (59.17 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 52 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 109 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	43	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.0	mg/L	GE
0	Alkalinity (as $CaCO_3$)	5.0	mg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,360	µg/L	GE
0	Chloride	3,370	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	29	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	427	µg/L	GE
0	Manganese	6.5	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	3,200	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,590	µg/L	GE
0	Sulfate	15,500	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	886	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	7.9E-08 ± 4.0E-07	µCi/mL	GE
0	Tritium	7.6E-08 ± 4.0E-07	µCi/mL	GE

WELL BG 96

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 10:30
Depth to water: 45.66 ft (13.92 m) below TOC — pH: 5.3
Water elevation: 199.52 ft (60.81 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.0	mg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Barium	8.6	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,810	µg/L	GE
0	Calcium	2,800	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE

WELL BG 98 collected on 05/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	18	µg/L	GE
0	Copper	18	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	3.9	µg/L	GE
0	Magnesium	428	µg/L	GE
0	Magnesium	430	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	720	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	3,370	µg/L	GE
0	Silica	3,310	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,620	µg/L	GE
0	Sodium	1,620	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.7	µg/L	GE
0	Zinc	2.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL BG 101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 14:50
Depth to water: 34.56 ft (10.53 m) below TOC — pH: 5.1
Water elevation: 196.84 ft (60.00 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 93 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	4.7	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	952	µg/L	GE
0	Chloride	1,980	µg/L	GE
0	Chloride	1,930	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	91	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.2	µg/L	GE
0	Magnesium	313	µg/L	GE
0	Manganese	8.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	550	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	2,950	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,370	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	8,000	µg/L	GE
0	Total dissolved solids	8,000	µg/L	GE

WELL BG 101 collected on 05/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Total inorganic carbon	5,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	288	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Total activity	2.4E-04 ± 3.5E-06	µCi/mL	EM
2	Tritium	2.7E-04 ± 2.3E-06	µCi/mL	GE

WELL BG 103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 10:00
Inaccessibility or pump failure prevented sample collection

WELL BG 104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 13:35
Depth to water: Not available — pH: 6.9
Water elevation: Not available — Alkalinity: 34 mg/L
Sp. conductance: 109 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
0	Specific conductance	91	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	48	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,200	µg/L	GE
0	Chloride	2,710	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.4	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	282	µg/L	GE
0	Manganese	3.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	160	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,230	µg/L	GE
0	Silica	3,220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,610	µg/L	GE
0	Sulfate	2,520	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	42,000	µg/L	GE
0	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL BG 107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 15:10
Depth to water: 12.27 ft (3.74 m) below TOC — pH: 4.8
Water elevation: 236.03 ft (71.94 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	9.0	mg/L	GE

ANALYTICAL RESULTS

WELL BG 107 collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	889	µg/L	GE
0	Chloride	2,840	µg/L	GE
0	Chloride	2,760	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.8	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
2	Iron	599	µg/L	GE
2	Lead	32	µg/L	GE
0	Magnesium	540	µg/L	GE
2	Manganese	71	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	2,900	µg/L	GE
0	Silver	8.5	µg/L	GE
0	Sodium	1,430	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
1	Zinc	2,880	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	2.6E-05 ± 8.0E-07	µCi/mL	GE

WELL BG 108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 Time: 14:45
Depth to water: 28.38 ft (8.64 m) below TOC pH: 5.3
Water elevation: 238.94 ft (72.83 m) msl Alkalinity: 4 mg/L
Sp. conductance: 40 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	11	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,340	µg/L	GE
0	Chloride	1,830	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	74	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	9.4	µg/L	GE
2	Lead	17	µg/L	GE
0	Magnesium	1,340	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.2	µg/L	GE
0	Nitrate as nitrogen	1,310	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	3,540	µg/L	GE
0	Silver	3.3	µg/L	GE
0	Sodium	1,560	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE
0	Total dissolved solids	23,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	133	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE

WELL BG 108 collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tritium	3.5E-05 ± 9.0E-07	µCi/mL	GE

WELL BG 109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 Time: 14:25
Depth to water: 46.24 ft (14.09 m) below TOC
Water elevation: 240.16 ft (73.20 m) msl
Inaccessibility or pump failure prevented sample collection

WELL BG 110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 Time: 14:00
Depth to water: 53.80 ft (16.40 m) below TOC pH: 4.7
Water elevation: 240.50 ft (73.31 m) msl Alkalinity: 0 mg/L
Sp. conductance: 101 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 34 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	91	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
2	Aluminum	350	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	156	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,830	µg/L	GE
0	Chloride	7,480	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	134	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	92	µg/L	GE
2	Lead	73	µg/L	GE
0	Magnesium	3,620	µg/L	GE
2	Manganese	109	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	10	µg/L	GE
1	Nitrate as nitrogen	7,100	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,260	µg/L	GE
0	Silica	2,510	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,010	µg/L	GE
0	Sulfate	530	µg/L	GE
2	Total carbon	10,000	µg/L	GE
0	Total dissolved solids	44,000	µg/L	GE
2	Total inorganic carbon	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	143	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08 ± 4.0E-09	µCi/mL	GE
2	Tritium	3.2E-05 ± 6.0E-07	µCi/mL	GE

WELL BG 121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 Time: 11:40
Depth to water: 69.06 ft (21.05 m) below TOC pH: 5.9
Water elevation: 208.84 ft (63.66 m) msl Alkalinity: 7 mg/L
Sp. conductance: 32 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 8 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	14	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	6.4	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	764	µg/L	GE
0	Chloride	4,320	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE

WELL BG 121 collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iodine	310	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	326	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.3	µg/L	GE
0	Nitrate as nitrogen	260	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,140	µg/L	GE
0	Silica	2,470	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,870	µg/L	GE
0	Sulfate	1,050	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	230	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	816	µg/L	GE
0	Gross alpha	3.1E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	6.2E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	9.3E-06 ± 5.0E-07	µCi/mL	GE

WELL BG 122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 13:05
Depth to water: 35.97 ft (10.96 m) below TOC — pH: 5.8
Water elevation: 211.93 ft (64.60 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 71 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.1	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	16	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	415	µg/L	GE
0	Chloride	2,710	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	21	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	8.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	152	µg/L	GE
0	Manganese	4.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	2,570	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,500	µg/L	GE
0	Sulfate	11,400	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	109	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Tritium	1.2E-04 ± 1.6E-06	µCi/mL	GE

WELL BG 125

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 12:30
The well was dry

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 9:00
Depth to water: 57.09 ft (17.40 m) below TOC — pH: 5.0
Water elevation: 238.01 ft (72.55 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	26	NTU	GE
0	Aluminum	23	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	142	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,710	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	4.1	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	152	µg/L	GE
1	Manganese	25	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,440	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,760	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 8.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 Time: 10:10
Depth to water: 59.61 ft (18.17 m) below TOC pH: 4.3
Water elevation: 237.29 ft (72.33 m) msl Alkalinity: 0 mg/L
Sp. conductance: 45 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	7.3	NTU	GE
0	Aluminum	58	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,050	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,020	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.0	µg/L	GE
0	Lead	3.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,010	µg/L	GE
0	Manganese	2.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/l	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,270	µg/L	GE
0	Sulfate	1,720	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	78	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE
2	Tritium	2.1E-05 ± 8.0E-07	µCi/mL	GE

WELL BGO 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 05/02/91 Time 15:45
Inaccessibility or pump failure prevented sample collection

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 Time: 15:50
Inaccessibility or pump failure prevented sample collection.

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 Time: 15:55
Inaccessibility or pump failure prevented sample collection.

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 Time: 16:00
Inaccessibility or pump failure prevented sample collection.

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 Time: 11:05
Depth to water: 126.11 ft (38.44 m) below TOC pH: 7.1
Water elevation: 159.49 ft (48.61 m) msl Alkalinity: 130 mg/L
Sp. conductance: 316 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	GE
1	Specific conductance	280	µS/cm	GE
0	Turbidity	0.30	NTU	GE
0	Turbidity	0.30	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	44	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	58,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,850	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	56	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,500	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	713	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	43,200	µg/L	GE
0	Silica	453,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,370	µg/L	GE

WELL BGO 6A collected on 05/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	8,490	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	199,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 11:05
Depth to water: 126.11 ft (38.44 m) below TOC — pH: 7.1
Water elevation: 159.49 ft (48.61 m) msl — Alkalinity: 130 mg/L
Sp. conductance: 318 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
1	Specific conductance	260	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	44	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	58,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,760	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	55	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,500	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	745	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	43,000	µg/L	GE
0	Silica	44,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,370	µg/L	GE
0	Sulfate	8,390	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	5.5	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	188,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE

WELL BGO 6A collected on 05/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	6.3	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 11:25
Depth to water: 65.19 ft (19.87 m) below TOC — pH: 7.2
Water elevation: 220.41 ft (67.18 m) msl — Alkalinity: 81 mg/L
Sp. conductance: 141 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 177 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	48,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.4	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,010	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	860	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	11,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,640	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	79,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	31	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.5	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 6C collected on 05/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	1.0E-03 ± 7.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	8.0E-04 ± 3.9E-06	µCi/mL	GE

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91
Depth to water: 54.77 ft (16.69 m) below TOC
Water elevation: 230.73 ft (70.33 m) msl
Sp. conductance: 109 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 10:00
pH: 6.5
Alkalinity: 32 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Turbidity	13	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	47	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	41,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,720	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	4.6	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,020	µg/L	GE
0	Manganese	22	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	4.3	µg/L	GE
0	Nitrate as nitrogen	240	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,020	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,530	µg/L	GE
0	Sulfate	1,420	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	3.3	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	70,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	31	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.2	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE

WELL BGO 6D collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total activity	7.5E-04 ± 6.5E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.2E-03 ± 4.9E-06	µCi/mL	GE

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91
Depth to water: 55.81 ft (17.01 m) below TOC
Water elevation: 228.59 ft (69.67 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 23 gal

Time: 12:35
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Turbidity	0.70	NTU	GE
0	Aluminum	21	µg/L	GE
0	Aluminum	21	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.4	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Calcium	1,170	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,620	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.8	µg/L	GE
0	Iron	8.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	542	µg/L	GE
0	Magnesium	550	µg/L	GE
0	Manganese	12	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,030	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,740	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silica	9,050	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,270	µg/L	GE
0	Sodium	2,450	µg/L	GE
0	Sulfate	1,090	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	7.9	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	3.2	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL BGO 7D collected on 05/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	85	µg/L	GE
0	Trichlorofluoromethane	1.8	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	6.6E-04 ± 3.7E-06	µCi/mL	GE

WELL BGO 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 10:20
Inaccessibility or pump failure prevented sample collection.

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 Time: 12:30
Depth to water: 64.70 ft (19.72 m) below TOC pH: 7.2
Water elevation: 218.60 ft (66.63 m) msl Alkalinity: 45 mg/L
Sp. conductance: 122 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	105	µS/cm	GE
0	Turbidity	9.6	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	15,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,440	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	509	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	740	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,720	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	11,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,030	µg/L	GE
0	Sulfate	1,180	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	1.1	µg/L	GE
0	Total dissolved solids	132,000	µg/L	GE

WELL BGO 8C collected on 05/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 Time: 12:10
Depth to water: 56.48 ft (17.21 m) below TOC pH: 4.8
Water elevation: 226.74 ft (69.11 m) msl Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Turbidity	50	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,040	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	5.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	515	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	950	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	7,030	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	1.2	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.1	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 8D collected on 05/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	4.3E-09 ± 2.2E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 3.7E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91
Depth to water: 53.39 ft (16.27 m) below TOC
Water elevation: 231.71 ft (70.63 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 59 gal

Time: 11:10
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,360	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,340	µg/L	GE
0	Chloride	2,180	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	521	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	ET
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,630	µg/L	GE
0	Nitrate as nitrogen	1,590	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,760	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,560	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total dissolved solids	23,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	42	µg/L	GE
1	Total organic halogens	37	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL BGO 9D collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.7E-09 ± 3.9E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91
Depth to water: 53.39 ft (16.27 m) below TOC
Water elevation: 231.71 ft (70.63 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 59 gal

Time: 11:10
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	0.60	NTU	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,330	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,130	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	8.6	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	514	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	ET
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,550	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,720	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	22	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
1	Trichloroethylene	3.6	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.0E-09	µCi/mL	GE
2	Tritium	2.0E-05 ± 7.0E-07	µCi/mL	GE

WELL BGO 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 11:20
Depth to water: 134.62 ft (41.03 m) below TOC — pH: 7.2
Water elevation: 166.28 ft (50.68 m) msl — Alkalinity: 133 mg/L
Sp. conductance: 327 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 145 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
1	Specific conductance	289	µS/cm	GE
0	Turbidity	0.30	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	3.6	µg/L	GE
0	Barium	8.6	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	63,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,820	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	ET
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	82	µg/L	GE
0	Iron	82	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	ET
0	Magnesium	1,560	µg/L	GE
0	Magnesium	1,590	µg/L	GE
0	Manganese	6.3	µg/L	GE
0	Manganese	6.4	µg/L	GE
0	Mercury	0.29	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	770	µg/L	GE
0	Potassium	797	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	48,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,020	µg/L	GE
0	Sodium	2,120	µg/L	GE
0	Sulfate	9,010	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	243,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	ET
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE

WELL BGO 10A collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 11:20
Depth to water: 134.62 ft (41.03 m) below TOC — pH: 7.2
Water elevation: 166.28 ft (50.68 m) msl — Alkalinity: 133 mg/L
Sp. conductance: 327 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 145 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
1	Specific conductance	289	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	64,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,850	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	8.7	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	ET
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	75	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	ET
0	Magnesium	1,550	µg/L	GE
0	Manganese	6.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	711	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	50,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	8,950	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	236,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	ET
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 10:35
Depth to water: 80.66 ft (24.65 m) below TOC pH: 9.8
Water elevation: 220.44 ft (67.19 m) msl Alkalinity: 17 mg/L
Sp. conductance: 85 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 40 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.4	pH	GE
0	Specific conductance	79	µS/cm	GE
0	Turbidity	19	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	27	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	44,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,040	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.7	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	ET
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	6.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	ET
0	Magnesium	1,050	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	544	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	26,000	µg/L	GE
0	Silver	5.1	µg/L	GE
0	Sodium	4,840	µg/L	GE
0	Sulfate	2,510	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	65,000	µg/L	GE
0	Total dissolved solids	65,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<10	µg/L	ET
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.5E-09	µCi/mL	GE
2	Tritium	1.1E-04 ± 1.4E-06	µCi/mL	GE

WELL BGO 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 Time: 13:05
The well was dry.

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 Time: 12:10
Depth to water: 74.73 ft (22.78 m) below TOC pH: 4.8
Water elevation: 230.57 ft (70.28 m) msl Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Turbidity	3.9	NTU	GE
0	Aluminum	22	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	847	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,490	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	447	µg/L	GE
0	Manganese	4.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,120	µg/L	GE
0	Nitrate as nitrogen	2,120	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,280	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,350	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	8.5E-04 ± 3.2E-06	µCi/mL	GE

WELL BGO 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 11:55
Depth to water: 138.15 ft (42.11 m) below TOC — pH: 6.8
Water elevation: 175.25 ft (53.42 m) msl — Alkalinity: 38 mg/L
Sp. conductance: 129 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 30 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	111	µS/cm	GE
0	Turbidity	0.70	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.2	µg/L	GE
0	Barium	69	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	21,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,230	µg/L	GE
0	Chloride	2,180	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.1	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<10	µg/L	ET
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	59	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<10	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	502	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Mercury	0.54	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Nitrate as nitrogen	350	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	962	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	35,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,080	µg/L	GE
0	Sulfate	8,020	µg/L	GE
0	Sulfate	7,980	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	111,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<10	µg/L	ET
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.050	µg/L	GE
2	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/ml	GE
0	Nonvolatile beta	2.5E-09 ± 2.6E-09	µCi/ml	GE
0	Total radium	<1.0E-09	µCi/ml	GE
0	Tritium	<2.0E-07	µCi/ml	GE

WELL BGO 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 12:25
Inaccessibility or pump failure prevented sample collection.

WELL BGO 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 12:15
Depth to water: 83.37 ft (25.41 m) below TOC — pH: 8.8
Water elevation: 230.33 ft (70.21 m) msl — Alkalinity: 54 mg/L
Sp. conductance: 165 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 8 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	139	µS/cm	GE
0	Turbidity	8.7	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	54	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	15,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,430	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<10	µg/L	ET
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<10	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,060	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	4.7	µg/L	GE
0	Nitrate as nitrogen	1,280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	6,540	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	8,520	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,030	µg/L	GE
0	Sulfate	10,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	98,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	33	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	ET
0	2,4,5-TP (Silvex)	<0.050	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	36	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	2.2E-07 ± 1.8E-07	µCi/ml	GE
0	Nonvolatile beta	7.2E-09 ± 3.0E-09	µCi/ml	GE
0	Total radium	1.7E-09 ± 2.7E-09	µCi/ml	GE
0	Tritium	9.5E-08 ± 5.0E-07	µCi/ml	GE

ANALYTICAL RESULTS

WELL BGO 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 11:15
Depth to water: 88.48 ft (26.98 m) below TOC — pH: 6.5
Water elevation: 230.04 ft (70.12 m) msl — Alkalinity: 12 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 25.2°C
Water evacuated before sampling: 2 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.8	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Turbidity	2.2	NTU	GE
0	Aluminum	<.20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	8.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	53	µg/L	GE
0	Lead	6.0	µg/L	ET
0	Magnesium	151	µg/L	GE
1	Manganese	37	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	18	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,230	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	4,120	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,630	µg/L	GE
0	Sulfate	2,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.1	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.1	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL BGO 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 9:40
Depth to water: 143.09 ft (43.61 m) below TOC — pH: 12.0
Water elevation: 158.81 ft (48.41 m) msl — Alkalinity: 364 mg/L
Sp. conductance: 1842 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 20 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,250	µS/cm	GE
0	Turbidity	0.80	NTU	GE
0	Acetophenone	<10	µg/L	GE

WELL BGO 14A collected on 05/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Aluminum	1,770	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	92	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	87,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.1	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	270	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	20	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	8.0	µg/L	GE
0	Manganese	7.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	24,300	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	18,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	30,900	µg/L	GE
0	Sulfate	24,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.7	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	2.8	µg/L	GE
0	Total dissolved solids	342,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	5.2	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	13	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-08 ± 1.2E-08	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 10:20
Depth to water: 79.09 ft (24.11 m) below TOC — pH: 8.2
Water elevation: 222.91 ft (67.94 m) msl — Alkalinity: 29 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
0	Specific conductance	77	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	92	µg/L	GE
0	Aluminum	93	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	19	µg/L	GE
0	Barium	20	µg/L	GE
0	Benzene	<1.0	µg/L	GE

WELL BGO 14C collected on 05/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12,300	µg/L	GE
0	Calcium	12,400	µg/L	GE
0	Calcium	11,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	4.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	387	µg/L	GE
0	Magnesium	389	µg/L	GE
0	Magnesium	382	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,120	µg/L	GE
0	Potassium	2,140	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	10,000	µg/L	GE
0	Silica	10,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,310	µg/L	GE
0	Sodium	3,320	µg/L	GE
0	Sodium	3,320	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	24	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	54	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.3E-05 ± 1.0E-08	µCi/mL	GE

WELL BGO 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 10:35
Depth to water: Not available — pH: 8.7
Water elevation: Not available — Alkalinity: 37 mg/L
Sp. conductance: 121 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	81	µS/cm	GE
0	Turbidity	1.7	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,050	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.5	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	182	µg/L	GE
0	Lead	<3.0	µg/L	ET
0	Magnesium	334	µg/L	GE
2	Manganese	77	µg/L	GE
0	Mercury	0.72	µg/L	GE
0	Nickel	29	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Phenols	7.0	µg/L	GE
0	Phenols	7.0	µg/L	GE
0	Potassium	3,700	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,970	µg/L	GE
0	Sulfate	1,990	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	53,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	1.5	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	5.5	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
2	Tritium	2.7E-04 ± 2.3E-08	µCi/mL	GE

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 14:00
Depth to water: 69.23 ft (21.10 m) below TOC — pH: 5.1
Water elevation: 229.47 ft (69.94 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Turbidity	1.9	NTU	GE

ANALYTICAL RESULTS

WELL BGO 15D collected on 05/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Arsenic	<5.0	µg/L	ET
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,720	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,220	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	ET
0	Lead	<3.0	µg/L	ET
0	Lindane	<0.0050	µg/l	GE
C	Magnesium	880	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
C	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	880	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silica	9,650	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,530	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	85	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	60	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.5E-04 ± 5.6E-08	µCi/mL	EM
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	5.2E-04 ± 3.2E-08	µCi/mL	GE

WELL BGO 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/91 Time: 11:10
Depth to water: 143.56 ft (43.76 m) below TOC pH: 11.7
Water elevation: 161.44 ft (49.21 m) msl Alkalinity: 303 mg/L
Sp. conductance: 1287 µS/cm Water temperature: 23.3°C
Water evacuated before sampling: 21 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,220	µS/cm	GE
0	Turbidity	0.52	NTU	GE
0	Acetophenone	<10	µg/L	GE
2	Aluminum	770	µg/L	GE
0	Antimony	<2.0	µg/L	GE

WELL BGO 16A collected on 05/31/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Barium	105	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	90,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	140	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	8.2	µg/L	GE
0	Manganese	3.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	270	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	14,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	17,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	292,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	4.8E-09 ± 5.9E-09	µCi/mL	GE
0	Gross alpha	3.2E-09 ± 5.1E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 1.0E-08	µCi/mL	GE
0	Nonvolatile beta	9.6E-09 ± 9.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 Time: 13:05
Depth to water: 74.02 ft (22.58 m) below TOC
Water elevation: 230.58 ft (70.28 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL BGO 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 Time: 11:45
Inaccessibility or pump failure prevented sample collection.

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 12:15
Depth to water: 133.72 ft (40.76 m) below TOC — pH: 6.9
Water elevation: 161.48 ft (49.22 m) msl — Alkalinity: 65 mg/L
Sp. conductance: 206 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 162 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	189	µS/cm	GE
0	Turbidity	0.40	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	42	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	35,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,850	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,370	µg/L	GE
2	Manganese	60	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,150	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	34,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,860	µg/L	GE
0	Sulfate	10,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	137,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	7*	µg/L	GE
0	Total phosphates (as P)	108	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.060	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
1	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.2E-09	µCi/mL	GE
0	Nonvolatile beta	<2.2E-09	µCi/mL	GE
0	Total radium	<1.5E-09	µCi/mL	GE
0	Tritium	<1.7E-06	µCi/mL	GE

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 12:35
Depth to water: 63.27 ft (19.28 m) below TOC — pH: 4.8
Water elevation: 231.63 ft (70.60 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	23	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	837	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,090	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<40	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	292	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<40	µg/L	GE
0	Nitrate as nitrogen	1,190	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,810	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,740	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
1	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6*	µg/L	GE
2	Total phosphates (as P)	114	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.060	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.5	µg/L	GE
0	Trichlorofluoromethane	2.4	µg/L	GE
0	Vanadium	<10	µg/L	GE
1	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.2E-09	µCi/mL	GE
0	Gross alpha	<2.2E-09	µCi/mL	GE
1	Nonvolatile beta	3.0E-09 ± 2.2E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	<1.5E-09	µCi/mL	GE
0	Total radium	<1.5E-09	µCi/mL	GE
1	Tritium	1.7E-06 ± 5.0E-07	µCi/mL	GE
1	Tritium	1.7E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGO 19D

M. :SUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 Time: 11:50
Inaccessibility or pump failure prevented sample collection.

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/91 Time: 11:30
Depth to water: 48.95 ft (14.92 m) below TOC pH: 5.4
Water elevation: 234.75 ft (71.55 m) msl Alkalinity: 14 mg/L
Sp. conductance: 88 µS/cm Water temperature: 25.0°C
Water evacuated before sampling: 10 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Turbidity	44	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	39	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,120	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,560	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	39	µg/L	GE
0	Lead	4.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	999	µg/L	GE
2	Manganese	88	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	11	µg/L	GE
0	Nitrate as nitrogen	1,550	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	867	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,140	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	25	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.050	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.6E-05	µCi/mL	GE

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/91 Time: 10:50
Depth to water: 50.70 ft (15.45 m) below TOC pH: 6.4
Water elevation: 234.70 ft (71.54 m) msl Alkalinity: 30 mg/L
Sp. conductance: 140 µS/cm Water temperature: 23.1°C
Water evacuated before sampling: 7 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	125	µS/cm	GE
0	Turbidity	24	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,630	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,950	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	50	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	169	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	4,800	µg/L	GE
0	Nitrate as nitrogen	4,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	7,650	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,770	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,900	µg/L	GE
0	Sulfate	3,010	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
0	Total dissolved solids	59,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	23	µg/L	GE
1	Total organic halogens	26	µg/L	GE
0	Total phosphates (as P)	76	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.050	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	9.2E-09 ± 4.1E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 4.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.4E-05 ± 1.1E-06	µCi/mL	GE

WELL BGO 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 11:10
Depth to water: 53.84 ft (16.35 m) below TOC — pH: 5.1
Water elevation: 232.86 ft (70.98 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 101 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Turbidity	2.0	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,070	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chloride	1,870	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	541	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,990	µg/L	GE
0	Nitrate as nitrogen	2,070	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,310	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,560	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	21	µg/L	GE
0	Total organic halogens	23	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 10:10
Depth to water: 53.74 ft (16.38 m) below TOC — pH: 6.1
Water elevation: 235.46 ft (71.77 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Turbidity	2.9	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	901	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	750	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	8.8	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	3.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	239	µg/L	GE
0	Manganese	7.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,290	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,920	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,930	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.6E-05 ± 7.0E-07	µCi/mL	GE

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 11:45
Depth to water: 56.67 ft (17.27 m) below TOC
Water elevation: 236.53 ft (72.10 m) msl
Inaccessibility or pump failure prevented sample collection.

ANALYTICAL RESULTS

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 12:40
Depth to water: 135.20 ft (41.21 m) below TOC — pH: 7.2
Water elevation: 181.30 ft (49.16 m) msl — Alkalinity: 94 mg/L
Sp. conductance: 257 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 21 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
0	Specific conductance	227	µS/cm	GE
0	Turbidity	0.50	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.3	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	48,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,470	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/l	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.1	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	ET
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	ET
0	Magnesium	777	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	8.2	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	819	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	47,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	8,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	168,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	69	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	ET
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpl a	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 3.2E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 9:35
Depth to water: 126.38 ft (38.52 m) below TOC — pH: 12.0
Water elevation: 160.92 ft (49.02 m) msl — Alkalinity: 352 mg/L
Sp. conductance: 1509 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 45 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,250	µS/cm	GE
0	Turbidity	0.20	NTU	GE
2	Aluminum	300	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	77	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	138,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,320	µg/L	GE
0	Chloride	1,350	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	14	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	45	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	4.8	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Nitrate as nitrogen	300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,230	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	20,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,960	µg/L	GE
0	Sulfate	11,100	µg/L	GE
0	Sulfate	11,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	4.4	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	70,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	5.2	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	7.2	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.2E-07 ± 2.0E-07	µCi/mL	GE

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 Time: 9:20
Depth to water: 58.12 ft (17.72 m) below TOC pH: 5.6
Water elevation: 227.38 ft (69.31 m) msl Alkalinity: 8 mg/L
Sp. conductance: 40 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	36	µS/cm	GE
0	Turbidity	20	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
C	Barium	24	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,060	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,360	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	77	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	246	µg/L	GE
0	Lead	5.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	718	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	5.3	µg/L	GE
0	Nitrate as nitrogen	790	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	615	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
C	Sodium	6,430	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	74,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	48	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 Time: 13:10
Depth to water: 55.65 ft (16.96 m) below TOC pH: 6.9
Water elevation: 220.35 ft (67.16 m) msl Alkalinity: 38 mg/L
Sp. conductance: 116 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 172 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Specific conductance	121	µS/cm	GE
0	Specific conductance	121	µS/cm	GE
0	Turbidity	0.90	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	24,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,060	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	305	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,340	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,530	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	29	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	72,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	47	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.4E-05 ± 7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 Time: 10:10
Depth to water: 48.87 ft (14.90 m) below TOC pH: 5.1
Water elevation: 227.43 ft (69.32 m) msl Alkalinity: 1 mg/L
Sp. conductance: 38 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Turbidity	88	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,930	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	12	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	128	µg/L	GE
1	Lead	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,010	µg/L	GE
1	Manganese	42	µg/L	GE
0	Mercury	0.36	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	15	µg/L	GE
0	Nitrate as nitrogen	1,270	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,640	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,570	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 3.1E-09	µCi/mL	GE
0	Total activity	7.7E-05 ± 1.1E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.0E-03 ± 8.3E-06	µCi/mL	GE

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 Time: 10:35
Depth to water: 51.06 ft (15.56 m) below TOC pH: 5.5
Water elevation: 226.34 ft (68.99 m) msl Alkalinity: 8 mg/L
Sp. conductance: 90 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
1	Specific conductance	85	µS/cm	GE
0	Turbidity	60	NTU	GE
0	Acetophenone	<10	µg/L	GE
2	Aluminum	377	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	µg/L	GE
0	Benzene	1.4	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,650	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	12,900	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	25	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	6.5	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	23	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	8.8	µg/L	GE
0	trans-1,2-Dichloroethylene	1.5	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.9	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	1.3	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	73	µg/L	GE
2	Lead	16	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	3.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	16,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	803	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,240	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1.1E+06	µg/L	GE
0	Sulfate	2,910	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	4.4	µg/L	GE
2	Tin	129	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	65,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
2	Total organic halogens	359	µg/L	GE
0	Total phosphates (as P)	160	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	155	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	9.8E-02 ± 2.1E-02	µCi/mL	EM
0	Total radium	1.8E-09 ± 3.3E-10	µCi/mL	GE
2	Tritium	1.0E-01 ± 4.7E-06	µCi/mL	GE

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 9:00
Depth to water: 104.67 ft (31.90 m) below TOC — pH: 9.1
Water elevation: 159.53 ft (48.63 m) msl — Alkalinity: 39 mg/L
Sp. conductance: 120 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 44 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.4	pH	GE
0	Specific conductance	91	µS/cm	GE
0	Turbidity	4.0	NTU	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	42	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	47,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,680	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	931	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	13,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,350	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	70,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	162	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.8	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	5.2E-06 ± 4.0E-07	µCi/mL	GE

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 11:05
Depth to water: 55.19 ft (16.82 m) below TOC — pH: 8.4
Water elevation: 219.31 ft (66.85 m) msl — Alkalinity: 19 mg/L
Sp. conductance: 78 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 24 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.8	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Turbidity	144	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,310	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	1.8	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	220	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	430	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,040	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,120	µg/L	GE
0	Sulfate	2,920	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	85	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	6.2	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.9E-09 ± 2.8E-09	µCi/mL	GE
0	Total activity	4.0E-04 ± 4.7E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.0E-04 ± 2.4E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 11:20
Depth to water: 48.73 ft (14.86 m) below TOC — pH: 5.7
Water elevation: 226.07 ft (68.91 m) msl — Alkalinity: 17 mg/L
Sp. conductance: 95 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	90	µS/cm	GE
0	Turbidity	6.5	NTU	GE
0	Acetophenone	<10	µg/L	GE
2	Aluminum	223	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	1.5	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,270	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	11,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	5.1	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	29	µg/L	GE
1	Chloromethane (Methyl chloride)	5.6	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	108	µg/L	GE
0	1,2-Dichloroethane	1.6	µg/L	GE
2	1,1-Dichloroethylene	35	µg/L	GE
0	trans-1,2-Dichloroethylene	1.6	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.8	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	22	µg/L	GE
1	Lead	14	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	6,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,070	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	950,000	µg/L	GE
0	Sulfate	1,630	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	3.7	µg/L	GE
2	Tin	122	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	9.5	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	81	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	4.3E-07 ± 1.4E-04	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	4.4E-07 ± 3.0E-05	µCi/mL	GE

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 11:55
Depth to water: 47.06 ft (14.34 m) below TOC — pH: 5.6
Water elevation: 226.04 ft (68.90 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	17	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,610	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,820	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	439	µg/L	GE
0	Manganese	8.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	940	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,230	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.8	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-08 ± 2.7E-09	µCi/mL	GE
0	Total activity	3.6E-04 ± 4.1E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.2E-04 ± 2.5E-05	µCi/mL	GE

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 12:15
Depth to water: 46.57 ft (14.19 m) below TOC — pH: 4.8
Water elevation: 227.13 ft (69.23 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Turbidity	55	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Aluminum	24	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.8	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	528	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,690	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	7.8	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	5.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,160	µg/L	GE
0	Manganese	7.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nickel	5.5	µg/L	GE
0	Nitrate as nitrogen	1,230	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,430	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,480	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	5.3E-05 ± 1.8E-06	µCi/mL	M
0	Total radium	< 1.0E-09	µCi/mL	GE
2	Tritium	2.0E-04 ± 2.0E-06	µCi/mL	GE

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 12:40
Depth to water: 53.71 ft (16.37 m) below TOC — pH: 4.9
Water elevation: 227.99 ft (69.49 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 56 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Turbidity	38	NTU	GE
0	Acetophenone	< 10	µg/L	GE
2	Aluminum	431	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	598	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,600	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	2.3	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.9	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	25	µg/L	GE
1	Lead	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	8,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1.1E+06	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	19	µg/L	GE
2	Tin	127	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	Total dissolved solids	66,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	95	µg/L	GE
0	Total phosphates (as P)	85	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	12	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	6.0E-03 ± 5.2E-05	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
2	Tritium	6.3E-03 ± 1.1E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 12:00
Depth to water: 53.86 ft (16.42 m) below TOC — pH: 5.9
Water elevation: 226.54 ft (69.75 m) msl — Alkalinity: 12 mg/L
Sp. conductance: 64 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 125 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Turbidity	0.60	NTU	GE
0	Acetophenone	< 10	µg/L	GE
2	Aluminum	223	µg/L	GE
0	Antimony	2.1	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
2	Cadmium	29	µg/L	GE
0	Calcium	3,780	µg/L	GE
0	Carbon tetrachloride	1.5	µg/L	GE
0	Chloride	5,200	µg/L	GE
0	Chloride	4,950	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	18	µg/L	GE
0	Chloromethane (Methyl chloride)	2.9	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	6.5	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	107	µg/L	GE
1	Manganese	26	µg/L	GE
0	Mercury	0.72	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
1	Nitrate as nitrogen	7,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,220	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	5.4	µg/L	GE
2	Tin	2,570	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	60,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	99	µg/L	GE
2	Total organic halogens	95	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	23	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	6.8E-03 ± 5.6E-05	µCi/mL	FM
0	Total radium	< 1.0E-09	µCi/mL	GE
2	Tritium	6.4E-03 ± 1.1E-05	µCi/mL	GE

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 11:30
Depth to water: 49.54 ft (15.10 m) below TOC — pH: 4.9
Water elevation: 230.78 ft (70.34 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 72 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 10 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	69	µS/cm	GE
0	Turbidity	72	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Aluminum	64	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	12,900	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	6.3	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
1	Iron	173	µg/L	GE
0	Lead	6.6	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	1,930	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,540	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	2,590	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,210	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	5,020	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.6E-09 ± 2.0E-09	µCi/mL	GE
0	Total activity	2.6E-05 ± 1.5E-05	µCi/mL	FM
0	Total radium	< 1.0E-09	µCi/mL	GE
2	Tritium	6.9E-05 ± 1.2E-06	µCi/mL	GE

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 11:05
Depth to water: 41.51 ft (12.65 m) below TOC — pH: 7.4
Water elevation: 233.39 ft (71.14 m) msl — Alkalinity: 30 mg/L
Sp. conductance: 94 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	75	µS/cm	GE
0	Turbidity	2.8	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Aluminum	60	µg/L	GE
0	Antimony	2.3	µg/L	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	137	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	22,400	µg/L	GE
0	Calcium	10,800	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,980	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	< 3.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	2,060	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	820	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	964	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	< 100	µg/L	GE
0	Silica	7,170	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,630	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.3	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	100	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0 [illegible]	µCi/mL	GE
0	Nonvolatile beta	2.6 [illegible]	µCi/mL	GE
0	Total radium	< 1.0E-06	µCi/mL	GE
1	Tritium	2.0E-05 [illegible]	µCi/mL	GE

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 14:00
Depth to water: 44.45 ft (13.55 m) below TOC — pH: 9.8
Water elevation: 228.95 ft (69.78 m) msl — Alkalinity: 37 mg/L
Sp. conductance: 113 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 264 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.8	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Turbidity	0.40	NTU	GE
2	Aluminum	580	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	16,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,930	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	211	µg/L	GE
0	Manganese	6.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	ET
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,180	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	564	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,780	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	22	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0 [illegible]	µCi/mL	GE
0	Nonvolatile beta	< 2.0 [illegible]	µCi/mL	GE
0	Total radium	1.2E-06 [illegible]	µCi/mL	GE
0	Tritium	4.5E-06 [illegible]	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 10:40
Depth to water: 39.09 ft (11.91 m) below TOC — pH: 4.7
Water elevation: 234.41 ft (71.45 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	94	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Aluminum	72	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	300	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,210	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	29	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	40	µg/L	GE
0	Lead	4.6	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	438	µg/L	GE
0	Manganese	4.6	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	3,140	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,330	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	8,480	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	5.3	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 2.000	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0[illegible]	µCi/mL	GE
0	Gross alpha	< 2.0[illegible]	µCi/mL	GE
0	Nonvolatile beta	< 2.0[illegible]	µCi/mL	GE
0	Nonvolatile beta	< 2.0[illegible]	µCi/mL	GE
0	Total activity	6.2[illegible] ± 1.9[illegible]	µCi/mL	EM
0	Total radium	2.2[illegible] ± 0.5[illegible]	µCi/mL	GE
0	Total radium	2.0[illegible] ± 1.1[illegible]	µCi/mL	GE
0	Tritium	6.7[illegible] ± 1.1[illegible]	µCi/mL	GE
0	Tritium	4.3[illegible] ± 1.1[illegible]	µCi/mL	GE

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 10:15
Depth to water: 39.13 ft (11.93 m) below TOC — pH: 5.1
Water elevation: 236.27 ft (72.02 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Turbidity	63	NTU	GE
0	Acetophenone	< 10	µg/L	GE
1	Aluminum	116	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	2.4	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	38	µg/L	GE
0	Barium	20	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	298	µg/L	GE
0	Calcium	149	µg/L	GE
0	Calcium	152	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,420	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	21	µg/L	GE
0	Copper	10	µg/L	GE
0	Copper	11	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.1	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
2	Iron	392	µg/L	GE
1	Iron	208	µg/L	GE
1	Iron	204	µg/L	GE
1	Lead	10	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	432	µg/L	GE
0	Magnesium	433	µg/L	GE
0	Magnesium	454	µg/L	GE
1	Manganese	41	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nickel	7.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,010	µg/L	GE
0	Phenols	5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	7,980	µg/L	GE
0	Silica	7,980	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	7,210	µg/L	GE
0	Sodium	< 16	µg/L	GE
0	Sodium	8,940	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	1.4	µg/L	GE
0	Total dissolved solids	35,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	19	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 2.000	µg/L	GE

WELL BGO 38D collected on 05/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Xylenes	< 1.0	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	5.4E-09 ± 3.9E-09	µCi/mL	QE
0	Nonvolatile beta	5.0E-09 ± 3.8E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE
2	Tritium	2.9E-05 ± 7.0E-07	µCi/mL	QE
2	Tritium	2.3E-05 ± 7.0E-07	µCi/mL	QE

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 9:50
Depth to water: 49.88 ft (15.20 m) below TOC — pH: 5.5
Water elevation: 237.42 ft (72.37 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	QE
0	Specific conductance	37	µS/cm	QE
0	Turbidity	39	NTU	QE
0	Acetophenone	< 10	µg/L	QE
0	Aluminum	< 20	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	7.7	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	558	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	1,540	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Copper	4.7	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	2,4 Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0080	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	< 100	µg/L	QE
0	Iron	52	µg/L	QE
0	Lead	5.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	271	µg/L	QE
1	Manganese	25	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
0	Naphthalene	< 10	µg/L	QE
0	Nickel	8.1	µg/L	QE
0	Nitrate as nitrogen	2,400	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	< 500	µg/L	QE
0	Selenium	< 5.0	µg/L	ET
0	Silica	< 100	µg/L	QE
0	Silica	8,690	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	5,870	µg/L	QE
0	Sulfate	< 1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Tin	< 2.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	19,000	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
0	Total organic halogens	22	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	Toxaphene	< 0.24	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE

WELL BGO 37D collected on 05/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Xylenes	< 1.0	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE
2	Tritium	2.3E-05 ± 7.0E-07	µCi/mL	QE

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 9:30
Depth to water: 58.30 ft (17.19 m) below TOC — pH: 4.5
Water elevation: 235.21 ft (71.69 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	QE
0	Specific conductance	25	µS/cm	QE
0	Turbidity	24	NTU	QE
0	Acetophenone	< 10	µg/L	QE
1	Aluminum	158	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	13	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	90	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	1,980	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Copper	8.1	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0080	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	< 100	µg/L	QE
0	Iron	33	µg/L	QE
0	Lead	4.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	642	µg/L	QE
0	Manganese	9.5	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
0	Naphthalene	< 10	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nitrate as nitrogen	1,910	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	< 500	µg/L	QE
0	Selenium	< 5.0	µg/L	ET
0	Silica	< 100	µg/L	QE
0	Silica	6,170	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	1,710	µg/L	QE
0	Sulfate	1,290	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	1.4	µg/L	QE
0	Tin	< 2.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	18,000	µg/L	QE
0	Total dissolved solids	15,000	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
1	Total organic halogens	36	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	Toxaphene	< 0.24	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	1.7	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Xylenes	< 1.0	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	QE

ANALYTICAL RESULTS

WELL BGO 39D collected on 05/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total radium	1.6E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	2.7E-05 ± 7.0E-07	µCi/mL	GE

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 9:10
Depth to water: 81.16 ft (18.84 m) below TOC — pH: 4.7
Water elevation: 234.54 ft (71.49 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Turbidity	60	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Aluminum	69	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	8.3	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	54	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,720	µg/L	GE
0	Chloride	4,180	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	5.3	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	94	µg/L	GE
0	Lead	< 3.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	115	µg/L	GE
0	Manganese	4.4	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,340	µg/L	GE
0	Nitrate as nitrogen	1,320	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	< 100	µg/L	GE
0	Silica	6,470	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,370	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE

WELL BGO 39D collected on 05/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tritium	3.3E-05 ± 8.0E-07	µCi/mL	GE

WELL BGX 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91 — Time: 10:00
Inaccessibility or pump failure prevented sample collection.

WELL BGX 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91 — Time: 10:05
Inaccessibility or pump failure prevented sample collection.

WELL BGX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91 — Time: 10:10
Inaccessibility or pump failure prevented sample collection.

WELL BGX 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/91 — Time: 8:55
Depth to water: 77.80 ft (23.71 m) below TOC — pH: 9.7
Water elevation: 213.50 ft (65.08 m) msl — Alkalinity: 87 mg/L
Sp. conductance: 182 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 50 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
1	Total organic carbon	5,100	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Total activity	4.8E-06 ± 1.3E-06	µCi/mL	EM

WELL BGX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/91 — Time: 8:40
Depth to water: 75.07 ft (22.88 m) below TOC — pH: 5.7
Water elevation: 216.03 ft (65.85 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 21 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	6.9	µg/L	GE

WELL BGX 2D collected on 06/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	411	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,470	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	535	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,760	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,090	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8.2	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	9.9E-05 ± 2.6E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.0E-04 ± 1.4E-06	µCi/mL	GE

WELL BGX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91 Time: 10:15
Inaccessibility or pump failure prevented sample collection.

WELL BGX 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91 Time: 12:20
Depth to water: 135.78 ft (41.39 m) below TOC pH: 7.4
Water elevation: 155.11 ft (47.28 m) msl Alkalinity: 126 mg/L
Sp. conductance: 279 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 128 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	220	µS/cm	GE
0	Arsenic	2.5	µg/L	GE
0	Barium	42	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL BGX 4A collected on 06/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	49,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,010	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	5.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,780	µg/L	GE
1	Manganese	34	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,620	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	32,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,630	µg/L	GE
0	Sulfate	7,920	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	144,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	88	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 3.2E-09	µCi/mL	GE
0	Total activity	4.7E-07 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 3.0E-07	µCi/mL	GE

WELL BGX 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91 Time: 11:35
Depth to water: 75.24 ft (22.93 m) below TOC pH: 6.7
Water elevation: 215.56 ft (65.70 m) msl Alkalinity: 53 mg/L
Sp. conductance: 131 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 119 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	18,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,220	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGX 4C collected on 06/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	140	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,330	µg/L	GE
0	Manganese	8.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,840	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,090	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.3	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 2.7E-09	µCi/mL	GE
0	Total activity	2.9E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.8E-06 ± 4.0E-07	µCi/mL	GE

WELL BGX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91
Depth to water: 74.34 ft (22.66 m) below TOC
Water elevation: 216.58 ft (66.01 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 35 gal
Time: 10:35
pH: 5.9
Alkalinity: 4 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,490	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chloride	2,510	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.5	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	4.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	398	µg/L	GE
1	Manganese	47	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,020	µg/L	GE

WELL BGX 4D collected on 06/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	5,850	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.3	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	58	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.5E-05 ± 2.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	7.2E-05 ± 1.2E-06	µCi/mL	GE

WELL BGX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91
Depth to water: 74.34 ft (22.66 m) below TOC
Water elevation: 216.58 ft (66.01 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 35 gal
Time: 10:35
pH: 5.9
Alkalinity: 4 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.2	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,440	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	399	µg/L	GE
1	Manganese	43	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,620	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,160	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

WELL BGX 4D collected on 06/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	1.1	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	7.5E-05 ± 1.3E-06	µCi/mL	GE

WELL BGX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91 Time: 13:15
Depth to water: 74.20 ft (22.82 m) below TOC pH: 5.5
Water elevation: 210.80 ft (64.25 m) msl Alkalinity: 7 mg/L
Sp. conductance: 82 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	18	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,430	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,930	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	594	µg/L	GE
2	Manganese	319	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	630	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	847	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,490	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,300	µg/L	GE
0	Sulfate	10,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	1,100	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	9.2E-06 ± 1.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL BGX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91 Time: 13:30
Inaccessibility or pump failure prevented sample collection.

WELL BGX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91 Time: 13:35
Inaccessibility or pump failure prevented sample collection.

WELL BGX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91 Time: 14:00
Depth to water: 51.98 ft (15.84 m) below TOC pH: 5.5
Water elevation: 227.42 ft (69.32 m) msl Alkalinity: 3 mg/L
Sp. conductance: 28 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,370	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,730	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	373	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,170	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,380	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	11,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Total activity	1.5E-05 ± 1.5E-06	µCi/mL	EM
0	Total radium	1.1E-09 ± 2.5E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 — Time: 9:15
Depth to water: 50.26 ft (15.32 m) below TOC — pH: 5.6
Water elevation: 226.64 ft (69.08 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 16.9°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,310	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,210	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	1.5	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	81	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	427	µg/L	GE
2	Manganese	82	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,630	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,840	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 2.7E-09	µCi/mL	GE
0	Total activity	1.4E-05 ± 1.4E-06	µCi/mL	EM
0	Total radium	1.2E-09 ± 2.7E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 8.0E-07	µCi/mL	GE

WELL BGX 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/10/91 — Time: 15:10
Depth to water: 40.06 ft (12.21 m) below TOC — pH: 5.5
Water elevation: 235.04 ft (71.64 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 201 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE

WELL BGX 12C collected on 06/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Barium	3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	647	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,390	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	243	µg/L	GE
0	Manganese	21	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	260	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,840	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	1.5E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 — Time: 9:40
Depth to water: 35.17 ft (10.72 m) below TOC — pH: 5.4
Water elevation: 240.03 ft (73.16 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,420	µg/L	GE
1	Carbon tetrachloride	4.0	µg/L	GE
0	Chloride	1,960	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL BGX 12D collected on 06/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.1	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	488	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	523	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,450	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,380	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	1,200	µg/L	GE
0	Total organic halogens	7.3	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	35	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.1E-05 ± 1.7E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.5E-05 ± 9.0E-07	µCi/mL	GE

WELL BRD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91
Depth to water: 39.11 ft (11.92 m) below TOC
Water elevation: 166.69 ft (50.81 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 49 gal

Time: 9:35
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE

WELL BRD 1 collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	632	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,960	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.9	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL BRD 1 collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iodomethane (Methyl Iodide)	<15	µg/L	GE
0	Iron	24	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
1	Lead	7.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	382	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	0.81	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	8.0	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,180	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.4	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL BRD 1 collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL BRD 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91
Depth to water: 38.83 ft (11.77 m) below TOC
Water elevation: 188.67 ft (51.41 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 53 gal

Time: 11:35
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,360	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,110	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL BRD 2 collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	916	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluorida	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HxCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	11	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
2	Lead	30	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	386	µg/L	GE
0	Manganese	8.4	µg/L	GE
0	Mercury	0.54	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE

WELL BRD 2 collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	7.3	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	10,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL BRD 2 collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Xylenes	<1.0	µg/L	GE
0	Zinc	158	µg/L	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-08	µCi/mL	GE
0	Total radium	<1.0E-08	µCi/mL	GE
0	Tritium	1.8E-06 ± 3.0E-07	µCi/mL	GE

WELL BRD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91 Time: 12:10
The well was dry.

WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91 Time: 10:45
Depth to water: 31.97 ft (9.74 m) below TOC pH: 4.9
Water elevation: 165.93 ft (50.58 m) msl Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 99 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	869	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,170	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE

WELL BRD 4 collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	445	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Mercury	0.54	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE

WELL BRD 4 collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,760	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	39	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	3.9	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91 Time: 10:45
Depth to water: 31.97 ft (9.74 m) below TOC pH: 4.9
Water elevation: 185.93 ft (56.59 m) msl Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 99 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
2	Specific conductance	590	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	883	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	2,220	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	7.9	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL BRD 4 collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Iron	36	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	438	µg/L	GE
0	Manganese	5.9	µg/L	GE
0	Mercury	0.54	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 10	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-n-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	4.7	µg/L	GE
0	Nitrate as nitrogen	1,600	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE

WELL BRD 4 collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	25	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	3.1E-08 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.4E-08 ± 3.0E-07	µCi/mL	GE

WELL BRD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91 — Time: 10:00
Depth to water: 38.97 ft (11.88 m) below TOC — pH: 5.8
Water elevation: 166.03 ft (50.61 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,890	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,230	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL BRD 5D collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4 Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<8.0	µg/L	GE
0	Magnesium	426	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	0.51	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,700	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE

ANALYTICAL RESULTS

WELL BRD 5D collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	771	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,560	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	52	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	5.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BRR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 11:50
Depth to water: 80.39 ft (24.50 m) below TOC — pH: 5.5
Water elevation: 215.51 ft (65.69 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 89 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 8 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.8	µg/L	GE

WELL BRR 1D collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.1	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.8E-05 ± 8.0E-07	µCi/mL	GE
1	Tritium	1.9E-05 ± 8.0E-07	µCi/mL	GE

WELL BRR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 12:05
Depth to water: 77.24 ft (23.54 m) below TOC — pH: 5.6
Water elevation: 214.66 ft (65.43 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 93 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	82	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.8	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

WELL BRR 2D collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	9.4E-09 ± 4.2E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	1.9E-04 ± 2.0E-06	µCi/mL	GE

WELL BRR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 77.44 ft (23.60 m) below TOC
Water elevation: 214.26 ft (65.31 m) msl
Sp. conductance: 68 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 12:20
pH: 5.4
Alkalinity: 8 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	61	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.7	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
1	Lead	9.8	µg/L	GE
1	Lead	9.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.2E-09 ± 3.3E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	6.3E-05 ± 1.2E-06	µCi/mL	GE

WELL BRR 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 78.09 ft (23.80 m) below TOC
Water elevation: 214.11 ft (65.26 m) msl
Sp. conductance: 193 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 12:35
pH: 6.2
Alkalinity: 62 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	132	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

WELL BRR 4D collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.6	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.5	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	1.8	µg/L	GE
2	Xylenes	15	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.5E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.5E-04 ± 1.8E-06	µCi/mL	GE

WELL BRR 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 80.86 ft (24.65 m) below TOC
Water elevation: 213.74 ft (65.15 m) msl
Sp. conductance: 86 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 12:50
pH: 5.8
Alkalinity: 27 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	71	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.1	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL CBR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 12:30
Depth to water: 47.85 ft (14.58 m) below TOC — pH: 5.1
Water elevation: 252.75 ft (77.04 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.6E-06 ± 4.0E-07	µCi/mL	GE

WELL CBR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 11:30
Depth to water: 48.53 ft (14.79 m) below TOC — pH: 4.8
Water elevation: 252.37 ft (76.92 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	44	µg/L	GE
0	Barium	44	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL CBR 2D collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL CBR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 13:30
Depth to water: 49.48 ft (15.08 m) below TOC — pH: 4.5
Water elevation: 252.31 ft (76.91 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	4.5	µg/L	GE
0	Lead	4.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	9.5	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.3E-09 ± 2.9E-09	µCi/mL	GE
2	Total radium	5.3E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	7.3E-06 ± 4.0E-07	µCi/mL	GE

WELL CBR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 13:30
Depth to water: 49.49 ft (15.08 m) below TOC — pH: 4.5
Water elevation: 252.31 ft (76.91 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	5.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.2	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	61	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	6.8E-06 ± 4.0E-07	µCi/mL	GE

WELL CCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/91 — Time: 11:50
Depth to water: 55.87 ft (17.03 m) below TOC — pH: 4.6
Water elevation: 222.73 ft (67.89 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 64 gal

WELL CCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/91 — Time: 11:30
Depth to water: 51.82 ft (15.79 m) below TOC — pH: 4.6
Water elevation: 218.58 ft (66.62 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 52 gal

WELL CCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/91 — Time: 11:10
Depth to water: 44.24 ft (13.48 m) below TOC — pH: 4.7
Water elevation: 223.16 ft (68.02 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 46 gal

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/91 — Time: 12:05
Depth to water: 59.08 ft (18.01 m) below TOC — pH: 4.8
Water elevation: 223.92 ft (68.25 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 33 gal

WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 12:40
Depth to water: 76.31 ft (23.26 m) below TOC — pH: 5.2
Water elevation: 212.59 ft (64.80 m) msl — Alkalinity: 26 mg/L
Sp. conductance: 61 µS/cm — Water temperature: 23.5°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Tritium	5.7E-04 ± 3.4E-06	µCi/mL	GE

WELL CDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 12:50
Depth to water: 75.91 ft (23.14 m) below TOC — pH: 5.3
Water elevation: 212.69 ft (64.83 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 66 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	3.3E-04 ± 4.4E-06	µCi/mL	EM
2	Tritium	3.5E-04 ± 2.7E-06	µCi/mL	GE

WELL CMP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 10:20
Depth to water: 24.08 ft (7.34 m) below TOC — pH: 5.5
Water elevation: 204.52 ft (62.34 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	7.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,2-Dichloroethane	4.1	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
1	Lead	13	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL CMP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 10:20
Depth to water: 24.08 ft (7.34 m) below TOC — pH: 5.5
Water elevation: 204.52 ft (62.34 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	7.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
1	Lead	10	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	60	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.7E-06 ± 3.0E-07	µCi/mL	GE

WELL CMP 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 13:50
Depth to water: 46.17 ft (14.07 m) below TOC — pH: 6.5
Water elevation: 183.53 ft (55.94 m) msl — Alkalinity: 44 mg/L
Sp. conductance: 119 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 446 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	20	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE

WELL CMP 8A collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	5.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 14:15
Depth to water: 30.35 ft (9.25 m) below TOC — pH: 6.9
Water elevation: 199.15 ft (60.70 m) msl — Alkalinity: 60 mg/L
Sp. conductance: 133 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.0	µg/L	GE
0	Chromium	5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE

WELL CMP 8B collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 119.53 ft (36.43 m) below TOC
Water elevation: 195.57 ft (59.61 m) msl
Sp. conductance: 180 µS/cm
Water evacuated before sampling: 122 gal
Time: 16:40
pH: 8.4
Alkalinity: 74 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.4	pH	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.1	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 90.48 ft (27.58 m) below TOC
Water elevation: 220.42 ft (67.18 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 83 gal
Time: 17:25
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE

WELL CMP 10 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	6.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE

WELL CMP 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 114.89 ft (35.02 m) below TOC
Water elevation: 195.91 ft (59.71 m) msl
Sp. conductance: 159 µS/cm
Water evacuated before sampling: 192 gal
Time: 18:00
pH: 8.0
Alkalinity: 97 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	35	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL CMP 10B collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL CMP 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 87.95 ft (26.88 m) below TOC
Water elevation: 212.55 ft (64.79 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 10:35
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
1	Lead	14	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

WELL CMP 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 114.19 ft (34.81 m) below TOC
Water elevation: 196.01 ft (59.74 m) msl
Sp. conductance: 199 µS/cm
Water evacuated before sampling: 148 gal

Time: 12:05
pH: 7.7
Alkalinity: 95 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	35	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE

WELL CMP 11B collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	4.1	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
1	Lead	11	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silver	< 2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	46	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL CMP 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 72.16 ft (21.99 m) below TOC
Water elevation: 210.74 ft (64.23 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging.

Time: 11:15
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
1	Lead	10	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	3.9	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	65	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	50	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL CMP 12 collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	43	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	3.3E-08 ± 3.0E-07	µCi/mL	GE

WELL CMP 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 101.48 ft (30.93 m) below TOC
Water elevation: 182.81 ft (55.66 m) msl
Sp. conductance: 179 µS/cm
Water evacuated before sampling: 421 gal
Time: 14:15
pH: 7.0
Alkalinity: 67 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	32	µg/L	GE
0	Barium	31	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	4.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL CMP 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 88.51 ft (26.98 m) below TOC
Water elevation: 195.38 ft (59.56 m) msl
Sp. conductance: 194 µS/cm
Water evacuated before sampling: 124 gal
Time: 13:40
pH: 7.9
Alkalinity: 92 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	32	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE

WELL CMP 12B collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silver	2.3	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	24	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	2.4	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL CMP 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 81.27 ft (24.77 m) below TOC
Water elevation: 207.93 ft (63.38 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging
Time: 11:45
pH: 6.1
Alkalinity: 24 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
1	Lead	9.1	µg/L	GE
1	Lead	9.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	2.4	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL CMP 13 collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tetrachloroethylene	20	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	17	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.7E-06 ± 3.0E-07	µCi/mL	GE

WELL CMP 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 Time: 15:55
Depth to water: 93.63 ft (28.54 m) below TOC pH: 8.7
Water elevation: 195.47 ft (59.58 m) msl Alkalinity: 83 mg/L
Sp. conductance: 190 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 161 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.6	pH	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	43	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	4.4	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silver	< 2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	20	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL CMP 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 Time: 15:55
Depth to water: 69.06 ft (21.05 m) below TOC pH: 8.1
Water elevation: 195.44 ft (59.57 m) msl Alkalinity: 90 mg/L
Sp. conductance: 185 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 172 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.4	pH	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL CMP 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 Time: 15:25
Depth to water: 58.26 ft (17.76 m) below TOC pH: 4.9
Water elevation: 205.84 ft (62.74 m) msl Alkalinity: 0 mg/L
Sp. conductance: 13 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	4.6	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE

WELL CMP 14C collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	5.3	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.3E-08 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.5E-08 ± 3.0E-07	µCi/mL	GE

WELL CMP 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 95.01 ft (28.96 m) below TOC
Water elevation: 181.48 ft (55.32 m) msl
Sp. conductance: 100 µS/cm
Water evacuated before sampling: 439 gal
Time: 14:05
pH: 6.4
Alkalinity: 24 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.1	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.0E-09 ± 3.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 71.72 ft (21.86 m) below TOC
Water elevation: 204.68 ft (62.39 m) msl
Sp. conductance: 164 µS/cm
Water evacuated before sampling: 24 gal
The well went dry during purging.
Time: 12:50
pH: 10.8
Alkalinity: 24 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	74	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.5	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.7E-07 ± 2.0E-07	µCi/mL	GE

WELL CMP 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 37.20 ft (11.34 m) below TOC
Water elevation: 239.80 ft (73.09 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 29 gal
The well went dry during purging.
Time: 13:20
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.6	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL CMP 15C collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.3E-08 ± 3.0E-07	µCi/mL	GE

WELL CMP 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 121.87 ft (37.15 m) below TOC
Water elevation: 185.83 ft (56.69 m) msl
Sp. conductance: 183 µS/cm
Water evacuated before sampling: 142 gal

Time: 10:00
pH: 7.8
Alkalinity: 95 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	39	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.4	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.8	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL CMP 16B collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	7.8E-07 ± 3.0E-07	µCi/mL	GE

WELL CMP 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
The well was dry.

Time: 17:10

WELL CMP 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91
The well was dry.

Time: 11:45

WELL CRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/91
Depth to water: 67.02 ft (20.43 m) below TOC
Water elevation: 207.58 ft (63.27 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 52 gal

Time: 10:20
pH: 5.9
Alkalinity: 15 mg/L
Water temperature: 20.0°C

WELL CRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/91
Depth to water: 71.98 ft (21.94 m) below TOC
Water elevation: 208.72 ft (63.01 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 92 gal

Time: 10:40
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 20.1°C

WELL CRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/14/91
Depth to water: 60.68 ft (18.49 m) below TOC
Water elevation: 207.04 ft (63.11 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 69 gal

Time: 10:00
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 19.5°C

WELL CSA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 49.84 ft (15.22 m) below TOC
Water elevation: 240.86 ft (73.42 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 23 gal

Time: 15:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 24.9°C

WELL CSA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 48.92 ft (14.91 m) below TOC
Water elevation: 241.18 ft (73.51 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 60 gal

Time: 14:45
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.9°C

WELL CSA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 48.50 ft (14.78 m) below TOC
Water elevation: 240.90 ft (73.43 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 59 gal

Time: 15:50
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.0°C

WELL CSA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 — Time: 15:35
Depth to water: 49.99 ft (15.24 m) below TOC — pH: 4.8
Water elevation: 240.41 ft (73.28 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 46 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 58 gal

WELL CSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 11:10
Depth to water: 81.86 ft (24.95 m) below TOC — pH: 10.8
Water elevation: 209.94 ft (63.99 m) msl — Alkalinity: 117 mg/L
Sp. conductance: 470 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	1.1	µg/L	GE

WELL CSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 11:00
Depth to water: 76.16 ft (23.21 m) below TOC — pH: 8.0
Water elevation: 208.74 ft (63.62 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Total activity	7.1E-03 ± 3.0E-04	µCi/mL	EM

WELL CSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 10:50
Depth to water: 76.51 ft (23.32 m) below TOC — pH: 5.0
Water elevation: 208.59 ft (63.58 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	0.7	µg/L	GE
0	Total activity	3.3E-02 ± 3.9E-04	µCi/mL	EM

WELL CSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 10:30
Depth to water: 73.93 ft (22.53 m) below TOC — pH: 10.0
Water elevation: 208.87 ft (63.66 m) msl — Alkalinity: 33 mg/L
Sp. conductance: 80 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	1.2	µg/L	GE
0	Total activity	4.3E-03 ± 6.4E-05	µCi/mL	EM

WELL CSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 11:25
Depth to water: 77.27 ft (23.55 m) below TOC — pH: 5.7
Water elevation: 209.53 ft (63.87 m) msl — Alkalinity: 23 mg/L
Sp. conductance: 132 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 65 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	1.8	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	7.2	µg/L	GE
0	Total activity	4.6E-04 ± 2.7E-05	µCi/mL	EM

WELL CSD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 11:25
Depth to water: 72.95 ft (22.24 m) below TOC — pH: 5.8
Water elevation: 242.45 ft (73.90 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	854	µg/L	GE
0	Dissolved organic carbon	2,000	µg/L	GE
0	Dissolved organic carbon	1,000	µg/L	GE
0	Magnesium	371	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	1,790	µg/L	GE
0	Silica	22,300	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE

WELL CSD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 15:15
The well was dry.

WELL CSD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 11:10
Depth to water: 87.03 ft (20.43 m) below TOC — pH: 10.0
Water elevation: 241.47 ft (73.60 m) msl — Alkalinity: 128 mg/L
Sp. conductance: 165 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	12,300	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Magnesium	184	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	8,040	µg/L	GE
0	Silica	19,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE

ANALYTICAL RESULTS

WELL CSD 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 83.12 ft (19.24 m) below TOC
Water elevation: 240.78 ft (73.38 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 37 gal
Time: 11:55
pH: 5.2
Alkalinity: 8 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	897	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Magnesium	378	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	939	µg/L	GE
0	Silica	4,780	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	120	µg/L	GE

WELL CSD 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 57.62 ft (17.56 m) below TOC
Water elevation: 240.58 ft (73.33 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 38 gal
Time: 13:05
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	218	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Magnesium	257	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	1,240	µg/L	GE
0	Silica	8,050	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	1,050	µg/L	GE

WELL CSD 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 57.62 ft (17.56 m) below TOC
Water elevation: 240.58 ft (73.33 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 38 gal
Time: 13:05
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	208	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Magnesium	271	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	1,280	µg/L	GE
0	Silica	7,720	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE

WELL CSD 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 56.25 ft (17.15 m) below TOC
Water elevation: 240.35 ft (73.28 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 42 gal
Time: 13:35
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	156	µg/l	GE
0	Calcium	155	µg/l	GE
0	Dissolved organic carbon	< 1,000	µg	GE
0	Magnesium	201	µg/l	GE
0	Magnesium	197	µg/l	GE
0	Nitrite as nitrogen	< 10	µg/l	GE
0	Potassium	1,080	µg/l	GE
0	Potassium	978	µg/l	GE
0	Silica	9,320	µg/l	GE
0	Silica	9,100	µg/l	GE

WELL CSD 10D collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfide	< 1,000	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	1,050	µg/L	GE

WELL CSD 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 52.78 ft (16.09 m) below TOC
Water elevation: 240.22 ft (73.22 m) msl
Sp. conductance: 175 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging
Time: 14:00
pH: 6.2
Alkalinity: 68 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	28,100	µg/L	GE
0	Dissolved organic carbon	2,000	µg/L	GE
0	Magnesium	1,140	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Nitrite as nitrogen	93	µg/L	GE
0	Potassium	1,380	µg/L	GE
0	Silica	9,550	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	440	µg/L	GE

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 60.66 ft (18.49 m) below TOC
Water elevation: 240.94 ft (73.44 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 43 gal
Time: 14:45
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	1,150	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Magnesium	768	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	529	µg/L	GE
0	Silica	3,720	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	250	µg/L	GE

WELL CSD 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 49.78 ft (15.17 m) below TOC
Water elevation: 239.72 ft (73.07 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 220 gal
Time: 15:50
pH: 5.2
Alkalinity: 5 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/l	GE
0	Calcium	805	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/l	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	668	µg/L	GE
0	Silica	6,420	µg/L	GE

WELL CSO 13D collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfide	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
1	Trichlorofluoromethane	9.0	µg/L	GE

WELL CSO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 52.45 ft (15.99 m) below TOC
Water elevation: 251.45 ft (76.64 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 51 gal
Time: 10:10
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.0°C

WELL CSO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 50.79 ft (15.48 m) below TOC
Water elevation: 251.11 ft (76.54 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 109 gal
Time: 10:30
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.8°C

WELL CSR 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 16.52 ft (5.04 m) below TOC
Water elevation: 257.58 ft (78.51 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 53 gal
Time: 12:40
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 18.3°C

WELL CSR 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 23.97 ft (7.31 m) below TOC
Water elevation: 273.73 ft (83.43 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 31 gal
The well went dry during purging.
Time: 13:40
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.1°C

WELL CSR 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 27.11 ft (8.26 m) below TOC
Water elevation: 258.09 ft (78.67 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 52 gal
Time: 13:30
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 19.8°C

WELL CSR 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 26.62 ft (8.11 m) below TOC
Water elevation: 259.08 ft (78.66 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 54 gal
Time: 12:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.0°C

WELL DBP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 13.16 ft (4.01 m) below TOC
Water elevation: 122.04 ft (37.20 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 76 gal
Time: 15:05
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.7°C

WELL DBP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 7.50 ft (2.29 m) below TOC
Water elevation: 118.80 ft (36.21 m) msl
Sp. conductance: 197 µS/cm
Water evacuated before sampling: 91 gal
Time: 15:25
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 21.6°C

WELL DBP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 5.90 ft (1.80 m) below TOC
Water elevation: 122.40 ft (37.31 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 94 gal
Time: 14:45
pH: 5.1
Alkalinity: 3 mg/L
Water temperature: 19.5°C

WELL DBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 5.75 ft (1.75 m) below TOC
Water elevation: 120.45 ft (36.71 m) msl
Sp. conductance: 110 µS/cm
Water evacuated before sampling: 96 gal
Time: 14:25
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 19.2°C

WELL DCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 11.54 ft (3.52 m) below TOC
Water elevation: 115.56 ft (35.22 m) msl
Sp. conductance: 5110 µS/cm
Water evacuated before sampling: 67 gal
Time: 11:15
pH: 2.1
Alkalinity: 0 mg/L
Water temperature: 18.0°C

WELL DCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 8.59 ft (2.62 m) below TOC
Water elevation: 125.71 ft (38.32 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 74 gal
Time: 15:40
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 19.9°C

WELL DCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 11.76 ft (3.58 m) below TOC
Water elevation: 121.24 ft (36.95 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 66 gal
Time: 15:10
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 19.1°C

WELL DCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 9.94 ft (3.03 m) below TOC
Water elevation: 118.56 ft (36.44 m) msl
Sp. conductance: 630 µS/cm
Water evacuated before sampling: 89 gal
Time: 14:50
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 20.5°C

WELL DCB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 4.02 ft (1.23 m) below TOC
Water elevation: 118.68 ft (36.24 m) msl
Sp. conductance: 559 µS/cm
Water evacuated before sampling: 87 gal
Time: 11:55
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.7°C

ANALYTICAL RESULTS

WELL DCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 14:20
Depth to water: 16.54 ft (5.04 m) below TOC — pH: 3.7
Water elevation: 116.66 ft (35.56 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2600 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 19 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Calcium	85,500	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	13	µg/l	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	198,000	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	6,710	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silica	9,890	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	2.2	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	32	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL DCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 13:30
Depth to water: 14.81 ft (4.51 m) below TOC — pH: 2.7
Water elevation: 117.99 ft (35.96 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2260 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	95,400	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.5	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	2,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	61,900	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	1,320	µg/L	GE
0	Silica	13,700	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE

WELL DCB 7 collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	37	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL DCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 13:30
Depth to water: 14.81 ft (4.51 m) below TOC — pH: 2.7
Water elevation: 117.99 ft (35.96 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2260 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	29,300	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.1	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	2,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	78,900	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Silica	17,700	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	40	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL DCB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 15:25
Depth to water: 9.52 ft (2.90 m) below TOC — pH: 4.9
Water elevation: 127.28 ft (38.80 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 45 gal

WELL DCB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 11:00
Depth to water: 7.37 ft (2.25 m) below TOC — pH: 3.2
Water elevation: 114.93 ft (35.03 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1467 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 68 gal

WELL DCB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 11:40
Depth to water: 7.06 ft (2.13 m) below TOC — pH: 2.5
Water elevation: 116.90 ft (35.63 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2730 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 45 gal

WELL DCB 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 16:00
Depth to water: 8.75 ft (2.67 m) below TOC — pH: 5.7
Water elevation: 121.85 ft (37.14 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 2480 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 21 gal

WELL DCB 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 10:45
Depth to water: 6.88 ft (2.10 m) below TOC — pH: 3.4
Water elevation: 110.02 ft (33.53 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 348 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 47 gal

WELL DCB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 15:50
Depth to water: 14.25 ft (4.34 m) below TOC — pH: 5.6
Water elevation: 115.55 ft (35.22 m) msl — Alkalinity: 31 mg/L
Sp. conductance: 271 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 17 gal

WELL DCB 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 10:30
Inaccessibility or pump failure prevented sample collection.

WELL DCB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 13:00
Depth to water: 15.28 ft (4.66 m) below TOC — pH: 6.5
Water elevation: 112.32 ft (34.24 m) msl — Alkalinity: 217 mg/L
Sp. conductance: 1027 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 33 gal

WELL DCB 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 12:35
Depth to water: 16.01 ft (4.88 m) below TOC — pH: 6.5
Water elevation: 111.89 ft (34.10 m) msl — Alkalinity: 254 mg/L
Sp. conductance: 843 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 31 gal

WELL DOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 9:50
Depth to water: 5.78 ft (1.76 m) below TOC — pH: 5.8
Water elevation: 145.92 ft (44.48 m) msl — Alkalinity: 15 mg/L
Sp. conductance: 74 µS/cm — Water temperature: 17.5°C
Water evacuated before sampling: 102 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE

WELL DOB 1 collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	Endosulfan I	< 10	µg/L	GE
0	Endosulfan II	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lindane	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE
0	PCB 1232	< 150	µg/L	GE
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 1254	< 150	µg/L	GE
0	PCB 1260	< 150	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE

WELL DOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 10:05
Depth to water: 6.80 ft (2.07 m) below TOC — pH: 4.9
Water elevation: 145.40 ft (44.32 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 78 µS/cm — Water temperature: 17.6°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL DOB 2 collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	Endosulfan I	< 10	µg/L	GE
0	Endosulfan II	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lindane	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE
0	PCB 1232	< 150	µg/L	GE
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 1254	< 150	µg/L	GE
0	PCB 1260	< 150	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE

WELL DOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 6.81 ft (2.08 m) below TOC
Water elevation: 145.99 ft (44.50 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 79 gal

Time: 10:20
pH: 5.6
Alkalinity: 3 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE

WELL DOB 3 collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	Endosulfan I	< 10	µg/L	GE
0	Endosulfan II	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lindane	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE
0	PCB 1232	< 150	µg/L	GE
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 1254	< 150	µg/L	GE
0	PCB 1260	< 150	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE

WELL DOB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 7.35 ft (2.24 m) below TOC
Water elevation: 145.65 ft (44.39 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 96 gal

Time: 9:35
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 17.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE

WELL DOB 4 collected on 04/25/91, (laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan I	<10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE

WELL F 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 9:30
Depth to water: 68.00 ft (20.73 m) below TOC pH: 7.7
Water elevation: 207.70 ft (63.31 m) msl
Sp. conductance: 53 µS/cm Water temperature: 21.2°C
No water was evacuated before sampling.

WELL F 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 12:50
Depth to water: 42.20 ft (12.86 m) below TOC pH: 4.4
Water elevation: 211.30 ft (64.41 m) msl
Sp. conductance: 78 µS/cm Water temperature: 20.5°C
No water was evacuated before sampling.

WELL F 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 9:40
Depth to water: 49.00 ft (14.94 m) below TOC pH: 6.1
Water elevation: 206.90 ft (63.06 m) msl
Sp. conductance: 16 µS/cm Water temperature: 21.0°C
No water was evacuated before sampling.

WELL F 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 9:50
Depth to water: 44.50 ft (13.56 m) below TOC pH: 6.2
Water elevation: 195.30 ft (59.53 m) msl
Sp. conductance: 34 µS/cm Water temperature: 20.2°C
No water was evacuated before sampling

WELL F 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 9:20
Depth to water: 48.00 ft (14.63 m) below TOC pH: 8.0
Water elevation: 212.90 ft (64.89 m) msl
Sp. conductance: 60 µS/cm Water temperature: 19.8°C
No water was evacuated before sampling.

WELL FAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91 Time: 10:40
Depth to water: 82.78 ft (25.23 m) below TOC pH: 7.0
Water elevation: 229.02 ft (69.81 m) msl Alkalinity: 57 mg/L
Sp. conductance: 322 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	GE
0	pH	7.6	pH	GE
0	pH	7.6	pH	GE
0	pH	7.7	pH	GE
0	Specific conductance	111	µS/cm	GE
0	Specific conductance	111	µS/cm	GE
0	Specific conductance	112	µS/cm	GE
0	Specific conductance	113	µS/cm	GE
0	Turbidity	69	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	33,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	7,200	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	7.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2,690	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	730	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,760	µg/L	GE
0	Selenium	3.1	µg/L	GE
0	Silica	15,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	26,300	µg/L	GE
0	Sulfate	75,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	193,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL FAC 3 collected on 05/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Gross alpha	1.0E-08 ± 6.6E-09	µCi/mL	GE
0	Nonvolatile beta	9.8E-09 ± 1.1E-08	µCi/mL	GE
2	Total radium	2.3E-08 ± 8.2E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 3.0E-07	µCi/mL	GE

WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91 — Time: 13:10
Depth to water: 61.53 ft (24.85 m) below TOC — pH: 4.8
Water elevation: 228.37 ft (69.61 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 119 µS/cm — Water temperature: 23.0°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	108	µS/cm	GE
0	Turbidity	9.0	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,520	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,370	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2,930	µg/L	GE
2	Manganese	333	µg/L	GE
0	Mercury	0.34	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	650	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,030	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,290	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,250	µg/L	GE
0	Sulfate	36,600	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	60,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	5.0E-09 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	8.8E-09 ± 3.4E-09	µCi/mL	GE
2	Total radium	9.1E-09 ± 4.3E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL FAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91 — Time: 9:50
Depth to water: 91.68 ft (27.94 m) below TOC — pH: 5.2
Water elevation: 224.12 ft (68.31 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 97 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	pH	6.4	pH	GE
0	Specific conductance	92	µS/cm	GE
0	Specific conductance	92	µS/cm	GE
0	Specific conductance	94	µS/cm	GE
0	Specific conductance	94	µS/cm	GE
0	Turbidity	15	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,890	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,290	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2,460	µg/L	GE
1	Manganese	39	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,780	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,450	µg/L	GE
0	Sulfate	30,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	63,000	µg/L	GE
0	Total dissolved solids	59,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
1	Trichlorofluoromethane	7.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.3E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 Time: 15:10
Depth to water: 93.96 ft (28.64 m) below TOC pH: 5.7
Water elevation: 218.54 ft (66.61 m) msl Alkalinity: 34 mg/L
Sp. conductance: 113 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 5 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Arsenic	3.6	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2 ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iron	54	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE

WELL FAC 6 collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lindane	<10	µg/L	GE
0	Magnesium	820	µg/L	GE
1	Manganese	28	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Potassium	2,500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE

WELL FAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 Time: 15:10
Depth to water: 93.96 ft (28.64 m) below TOC pH: 5.7
Water elevation: 218.54 ft (66.61 m) msl Alkalinity: 34 mg/L
Sp. conductance: 113 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 5 gal
There was insufficient water to fill all or some sample bottles.
Unfiltered sample.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Barium	45	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	25,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Iron	160	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	890	µg/L	GE
1	Manganese	28	µg/L	GE
0	Mercury	0.40	µg/L	GE
0	Potassium	2,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE

WELL FAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91 Time: 12:15
Depth to water: 92.74 ft (28.27 m) below TOC pH: 6.3
Water elevation: 219.76 ft (66.98 m) msl Alkalinity: 29 mg/L
Sp. conductance: 115 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	145	µS/cm	GE
0	Turbidity	17	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,820	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL FAC 6 collected on 05/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	3,500	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lithium	5.7	µg/L	GE
0	Magnesium	717	µg/L	GE
0	Manganese	7.4	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	10,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	9,260	µg/L	GE
0	Sulfate	10,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	78,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
1	Total organic halogens	31	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	8.2E-07 ± 2.0E-07	µCi/mL	GE

WELL FAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91 — Time: 11:45
Depth to water: 91.84 ft (27.99 m) below TOC — pH: 6.0
Water elevation: 220.16 ft (67.11 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 85 µS/cm — Water temperature: 25.3°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	118	µS/cm	GE
0	Turbidity	22	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	7.4	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	3,270	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,680	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE

WELL FAC 7 collected on 05/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lithium	12	µg/L	GE
0	Magnesium	547	µg/L	GE
0	Manganese	8.9	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	440	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	2,170	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,850	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	9,450	µg/L	GE
0	Sulfate	12,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	53,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	24	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.3E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL FAC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91 — Time: 11:20
Depth to water: 82.14 ft (25.04 m) below TOC — pH: 6.3
Water elevation: 228.86 ft (69.76 m) msl — Alkalinity: 38 mg/L
Sp. conductance: 108 µS/cm — Water temperature: 24.8°C
Water evacuated before sampling: 29 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	170	µS/cm	GE
0	Turbidity	34	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	8,440	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,580	µg/L	GE
0	Chloride	3,660	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	332	µg/L	GE
0	Manganese	9.3	µg/L	GE
0	Mercury	< 0.20	µg/L	GE

WELL FAC 8 collected on 05/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,230	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,490	µg/L	GE
0	Sulfate	7,080	µg/L	GE
0	Sulfate	7,120	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	90,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	83	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 9.3E-09	µCi/mL	GE
0	Total radium	.9E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 3.0E-07	µCi/mL	GE

WELL FAL 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: 94.10 ft (28.68 m) below TOC
Water elevation: 218.80 ft (66.69 m) msl
Sp. conductance: 196 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 10:10
pH: 7.0
Alkalinity: 75 mg/L
Water temperature: 24.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Tetrachloroethylene	1.5	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	17	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FAL 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: 95.02 ft (28.96 m) below TOC
Water elevation: 217.08 ft (66.17 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.
Time: 10:25
pH: 5.8
Alkalinity: 8 mg/L
Water temperature: 24.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	13	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.2E-06 ± 5.0E-07	µCi/mL	GE

WELL FBP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91
Depth to water: 80.68 ft (24.59 m) below TOC
Water elevation: 207.22 ft (63.16 m) msl
Sp. conductance: 91 µS/cm
Water evacuated before sampling: 119 gal
Time: 13:55
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.3°C

WELL FBP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91
Depth to water: 97.47 ft (29.71 m) below TOC
Water elevation: 191.63 ft (58.41 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 143 gal
Time: 14:30
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.1°C

WELL FBP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91
Depth to water: 98.86 ft (30.13 m) below TOC
Water elevation: 194.04 ft (59.14 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 139 gal
Time: 15:05
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 19.5°C

WELL FBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91
Depth to water: 72.92 ft (22.23 m) below TOC
Water elevation: 213.38 ft (65.04 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 126 gal
Time: 15:40
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 18.8°C

WELL FCA 1N

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91
The well was dry.
Time: 14:00

WELL FCA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: 13.71 ft (4.18 m) below TOC
Water elevation: 298.49 ft (90.98 m) msl
Sp. conductance: 304 µS/cm
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.
Time: 11:25
pH: 7.8
Alkalinity: 107 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL FCA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91 Time: 11:05
Depth to water: 87.81 ft (26.76 m) below TOC pH: 4.1
Water elevation: 224.39 ft (68.39 m) msl Alkalinity: 0 mg/L
Sp. conductance: 240 µS/cm Water temperature: 24.7°C
Water evacuated before sampling: 4 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	1.9	µg/L	GE
0	Chloroform	1.4	µg/L	GE
2	Nitrate as nitrogen	26,000	µg/L	GE
0	Tetrachloroethylene	1.2	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	100	µg/L	GE
2	Gross alpha	8.2E-08 ± 8.9E-09	µCi/mL	GE
2	Nonvolatile beta	4.6E-07 ± 1.8E-08	µCi/mL	GE
2	Total radium	5.0E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	7.8E-06 ± 4.0E-07	µCi/mL	GE

WELL FCA 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91 Time: 14:10
The well was dry.

WELL FCA 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91 Time: 13:10
Inaccessibility or pump failure prevented sample collection.

WELL FCA 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91 Time: 12:20
Depth to water: 87.20 ft (26.58 m) below TOC pH: 3.8
Water elevation: 224.70 ft (68.49 m) msl Alkalinity: 0 mg/L
Sp. conductance: 253 µS/cm Water temperature: 28.9°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	1.0	µg/L	GE
2	Nitrate as nitrogen	26,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	6.8	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
2	Nonvolatile beta	8.0E-07 ± 2.9E-08	µCi/mL	GE
2	Nonvolatile beta	8.0E-07 ± 2.6E-08	µCi/mL	GE
2	Total radium	3.1E-08 ± 8.6E-09	µCi/mL	GE
2	Total radium	3.2E-08 ± 8.6E-09	µCi/mL	GE
0	Tritium	8.5E-06 ± 5.0E-07	µCi/mL	GE
0	Tritium	8.8E-06 ± 5.0E-07	µCi/mL	GE

WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/91 Time: 9:10
Depth to water: 87.31 ft (26.61 m) below TOC pH: 5.8
Water elevation: 224.49 ft (68.43 m) msl Alkalinity: 2 mg/L
Sp. conductance: 58 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	2.1	µg/L	GE
0	Nitrate as nitrogen	3,600	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Gross alpha	3.0E-08 ± 1.7E-08	µCi/mL	GE
0	Nonvolatile beta	7.3E-09 ± 3.3E-09	µCi/mL	GE
2	Total radium	7.7E-09 ± 4.1E-09	µCi/mL	GE
0	Tritium	7.8E-06 ± 4.0E-07	µCi/mL	GE

WELL FCA 10A collected on 06/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	7.0E-06 ± 4.0E-07	µCi/mL	GE

WELL FCA 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91 Time: 14:05
The well was dry.

WELL FCA 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91 Time: 13:20
The well was dry.

WELL FCA 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91 Time: 13:25
The well was dry.

WELL FCA 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/91 Time: 9:40
Depth to water: 87.66 ft (26.72 m) below TOC pH: 5.6
Water elevation: 224.54 ft (68.44 m) msl Alkalinity: 5 mg/L
Sp. conductance: 58 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	2.5	µg/L	GE
0	Nitrate as nitrogen	2,400	µg/L	GE
1	Tetrachloroethylene	2.8	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.1E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	5.1E-06 ± 4.0E-07	µCi/mL	GE

WELL FCA 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/91 Time: 10:05
Depth to water: 13.93 ft (4.25 m) below TOC pH: 7.0
Water elevation: 208.17 ft (90.86 m) msl Alkalinity: 56 mg/L
Sp. conductance: 178 µS/cm Water temperature: 25.2°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	2.1	µg/L	GE
0	Nitrate as nitrogen	4,250	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
1	Gross alpha	1.1E-08 ± 7.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 1.1E-08	µCi/mL	GE
1	Total radium	4.3E-09 ± 4.5E-09	µCi/mL	GE
0	Tritium	5.2E-06 ± 4.0E-07	µCi/mL	GE

WELL FCA 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91 Time: 12:55
Depth to water: 86.27 ft (26.30 m) below TOC pH: 5.9
Water elevation: 224.43 ft (68.41 m) msl Alkalinity: 0 mg/L
Sp. conductance: 162 µS/cm Water temperature: 26.8°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	1.4	µg/L	GE
2	Nitrate as nitrogen	14,800	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	113	µg/L	GE
0	Gross alpha	7.1E-09 ± 2.3E-09	µCi/mL	GE
0	Nonvolatile beta	9.0E-09 ± 3.5E-09	µCi/mL	GE
0	Total activity	2.8E-04 ± 3.7E-08	µCi/mL	EM
2	Total radium	1.9E-08 ± 5.5E-09	µCi/mL	GE
2	Tritium	3.4E-04 ± 2.8E-08	µCi/mL	GE

WELL FCA 16T

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/91 Time: 11:05
The well was dry.

WELL FCA 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91 Time: 10:50
Depth to water: 94.58 ft (28.82 m) below TOC pH: 6.9
Water elevation: 217.04 ft (66.15 m) msl Alkalinity: 125 mg/L
Sp. conductance: 318 µS/cm Water temperature: 24.5°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	1.7	µg/L	GE
0	Chloroform	1.4	µg/L	GE
0	Nitrate as nitrogen	580	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	1,1,1-Trichloroethane	3.1	µg/L	GE
2	Trichloroethylene	66	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
1	Nonvolatile beta	3.3E-08 ± 8.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	5.8E-06 ± 4.0E-07	µCi/mL	GE

WELL FCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91 Time: 13:10
Depth to water: 78.12 ft (23.81 m) below TOC pH: 4.8
Water elevation: 229.18 ft (69.85 m) msl Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	245	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	4.1	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE

WELL FCB 2 collected on 05/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.1	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	6.8	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	214	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	990	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,930	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,660	µg/L	GE
0	Sulfate	2,890	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	3.1	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	7.8E-08 ± 4.0E-07	µCi/mL	GE

WELL FCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91 Time: 13:10
Depth to water: 78.12 ft (23.81 m) below TOC pH: 4.8
Water elevation: 229.18 ft (69.85 m) msl Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	268	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,340	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	4.3	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	6.9	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	1,000	µg/L	GE

ANALYTICAL RESULTS

WELL FCB 2 collected on 05/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,750	µg/L	GE
0	Sulfate	1,810	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	15,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	52	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	7.8E-08 ± 4.0E-07	µCi/mL	GE

WELL FCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91
Depth to water: 80.44 ft (24.52 m) below TOC
Water elevation: 221.86 ft (67.62 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 70 gal
Time: 12:30
pH: 5.8
Alkalinity: 24 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,760	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	150	µg/L	GE
0	Iron	40	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,070	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	545	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,920	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,310	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE

WELL FCB 3 collected on 05/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	8.7E-08 ± 4.0E-07	µCi/mL	GE
0	Tritium	8.6E-08 ± 4.0E-07	µCi/mL	GE

WELL FCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: 78.78 ft (24.01 m) below TOC
Water elevation: 227.82 ft (69.44 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.
Time: 8:45
pH: 6.3
Alkalinity: 1 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	9.3	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	819	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,020	µg/L	GE
0	Chloride	3,380	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	8.6	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	324	µg/L	GE
1	Manganese	37	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,680	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,340	µg/L	GE
0	Sulfate	3,130	µg/L	GE
0	Sulfate	2,760	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	30	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	7.9E-08 ± 4.0E-07	µCi/mL	GE

WELL FCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91 — Time: 8:55
Depth to water: 75.80 ft (23.10 m) below TOC — pH: 5.2
Water elevation: 228.10 ft (69.53 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	975	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,990	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	22	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	21	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	525	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,410	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,930	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	15,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
1	Total organic halogens	29	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.060	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	9.7E-06 ± 5.0E-07	µCi/mL	GE

WELL FCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/30/91 — Time: 9:20
Depth to water: 82.09 ft (25.02 m) below TOC — pH: 6.4
Water elevation: 228.41 ft (69.62 m) msl — Alkalinity: 40 mg/L
Sp. conductance: 105 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	88	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	55	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,070	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	24	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
1	Lead	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
1	Lithium	32	µg/L	GE
0	Magnesium	609	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,380	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,330	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,050	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	26	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.060	µg/L	GE
0	1,1,1-Trichloroethane	8.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.3E-09 ± 3.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	8.7E-06 ± 5.0E-07	µCi/mL	GE

WELL FCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91 — Time: 13:25
The well was dry.

ANALYTICAL RESULTS

WELL FET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 9:05
Depth to water: 47.03 ft (14.33 m) below TOC — pH: 5.2
Water elevation: 222.97 ft (67.98 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 85 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 9 gal
The well went dry during purging

WELL FET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 15:30
Depth to water: 48.38 ft (14.74 m) below TOC — pH: 4.8
Water elevation: 221.64 ft (67.58 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 33 gal

WELL FET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 15:45
Depth to water: 63.60 ft (19.39 m) below TOC — pH: 5.0
Water elevation: 221.80 ft (67.64 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 60 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 49 gal

WELL FET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 16:20
Depth to water: 64.64 ft (19.70 m) below TOC — pH: 4.9
Water elevation: 222.20 ft (67.75 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 45 gal

WELL FNB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 9:15
Depth to water: 73.30 ft (22.34 m) below TOC — pH: 4.2
Water elevation: 211.00 ft (64.31 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 75 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	QE
0	Acenaphthylene	< 10	µg/L	QE
0	Acetone	< 1 0	µg/L	QE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	QE
0	Acetophenone	< 10	µg/L	QE
0	2-Acetylaminofluorene	< 10	µg/L	QE
0	Acrolein	< 20	µg/L	QE
0	Acrylonitrile	< 20	µg/L	QE
0	Aldrin	< 0 50	µg/L	QE
0	Allyl chloride	< 50	µg/L	QE
0	4-Aminobiphenyl	< 10	µg/L	QE
0	Aniline	< 10	µg/L	QE
0	Anthracene	< 10	µg/L	QE
0	Antimony	< 2 0	µg/L	QE
0	Aramite	< 10	µg/L	QE
0	Arsenic	< 2 0	µg/L	QE
0	Barium	21	µg/L	QE
0	Benzene	< 1 0	µg/L	QE
0	alpha Benzene hexachloride	< 0 50	µg/L	QE
0	beta Benzene hexachloride	< 0 50	µg/L	QE
0	delta-Benzene hexachloride	< 0 50	µg/L	QE
0	Benzo(a)anthracene	< 10	µg/L	QE
0	Benzo(a)pyrene	< 10	µg/L	QE
0	Benzo(b)fluoranthene	< 10	µg/L	QE
0	Benzo(g,h,i)perylene	< 10	µg/L	QE
0	Benzo(k)fluoranthene	< 10	µg/L	QE
0	Benzyl alcohol	< 10	µg/L	QE
0	Beryllium	< 5 0	µg/L	QE
0	Bis(chloromethyl ethyl)ether	< 10	µg/L	QE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	QE
0	Bis(2-chloroethyl) ether	< 10	µg/L	QE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	QE

WELL FNB 1 collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1 0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	4-Bromophenyl phenyl ether	< 10	µg/L	QE
0	Butylbenzyl phthalate	< 10	µg/L	QE
0	Cadmium	< 2 0	µg/L	QE
0	Carbon disulfide	< 1 0	µg/L	QE
0	Carbon tetrachloride	< 1 0	µg/L	QE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	QE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0 00040	µg/L	QE
0	Chlordane	< 0.50	µg/L	QE
0	para-Chloro-meta-cresol	< 10	µg/L	QE
0	4-Chloroaniline	< 10	µg/L	QE
0	Chlorobenzene	< 1 0	µg/L	QE
0	Chlorobenzilate	< 10	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 10	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	2-Chloronaphthalene	< 10	µg/L	QE
0	2-Chlorophenol	< 10	µg/L	QE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	QE
0	Chloroprene	< 200	µg/L	QE
0	Chromium	< 4 0	µg/L	QE
0	Chrysene	< 10	µg/L	QE
0	Cobalt	< 4 0	µg/L	QE
0	Copper	13	µg/L	QE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	QE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	QE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	QE
0	Cyanide	< 5 0	µg/L	QE
0	p,p'-DDD	< 0 50	µg/L	QE
0	p,p'-DDE	< 0 50	µg/L	QE
0	p,p'-DDT	< 0 50	µg/L	QE
0	Di-n-butyl phthalate	< 10	µg/L	QE
0	Di-n-octyl phthalate	< 10	µg/L	QE
0	Diallate	< 10	µg/L	QE
0	Dibenz[a,h]anthracene	< 10	µg/L	QE
0	Dibenzofuran	< 10	µg/L	QE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	QE
0	Dibromochloromethane	< 1 0	µg/L	QE
0	1,2-Dibromoethane	< 20	µg/L	QE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	QE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	QE
0	1,2-Dichlorobenzene	< 10	µg/L	QE
0	1,3-Dichlorobenzene	< 10	µg/L	QE
0	1,4-Dichlorobenzene	< 10	µg/L	QE
0	3,3'-Dichlorobenzidine	< 10	µg/L	QE
0	Dichlorodifluoromethane	< 1 0	µg/L	QE
0	1,1-Dichloroethane	< 1 0	µg/L	QE
0	1,2-Dichloroethane	< 1 0	µg/L	QE
0	1,1-Dichloroethylene	< 1 0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1 0	µg/L	QE
0	2,4-Dichlorophenol	< 10	µg/L	QE
0	2,6-Dichlorophenol	< 10	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0 30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1 0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1 0	µg/L	QE
0	Dieldrin	< 0 50	µg/L	QE
0	Diethyl phthalate	< 10	µg/L	QE
0	Dimethoate	< 10	µg/L	QE
0	2,4-Dimethyl phenol	< 10	µg/L	QE
0	Dimethyl phthalate	< 10	µg/L	QE
0	p-Dimethylaminoazobenzene	< 10	µg/L	QE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	QE
0	3,3'-Dimethylbenzidine	< 10	µg/L	QE
0	a,a-Dimethylphenethylamine	< 10	µg/L	QE
0	1,3-Dinitrobenzene	< 10	µg/L	QE
0	2,4-Dinitrophenol	< 45	µg/L	QE
0	2,4-Dinitrotoluene	< 10	µg/L	QE
0	2,6-Dinitrotoluene	< 10	µg/L	QE
0	1,4-Dioxane	< 10	µg/L	QE
0	Diphenylamine	< 10	µg/L	QE
0	Disulfoton	< 10	µg/L	QE
0	Endosulfan I	< 0 10	µg/L	QE
0	Endosulfan II	< 0 10	µg/L	QE
0	Endosulfan sulfate	< 0 10	µg/L	QE
0	Endrin	< 0 0080	µg/L	QE
0	Endrin aldehyde	< 0 10	µg/L	QE
0	Ethyl methacrylate	< 10	µg/L	QE
0	Ethyl methanesulfonate	< 10	µg/L	QE
0	Ethylbenzene	< 1 0	µg/L	QE
0	Ethylbenzene	< 1 0	µg/L	QE
0	Famphur	< 10	µg/L	QE
0	Fluoranthene	< 10	µg/L	QE
0	Fluorene	< 10	µg/L	QE
0	Fluoride	< 100	µg/L	QE
0	Heptachlor	< 0 50	µg/L	QE
0	Heptachlor epoxide	< 0 50	µg/L	QE
0	1,2,3,4,6,7,8-HPCDD	< 0 00095	µg/L	QE
0	Heptachlorodibenzo-p-dioxin isomers	< 0 00095	µg/L	QE
0	1,2,3,4,6,7,8-HPCDF	< 0 00045	µg/L	QE
0	Heptachlorodibenzo-p-furan isomers	< 0 00045	µg/L	QE
0	Hexachlorobenzene	< 10	µg/L	QE
0	Hexachlorobutadiene	< 10	µg/L	QE
0	Hexachlorocyclopentadiene	< 10	µg/L	QE
0	1,2,3,4,7,8-HXCDD	< 0 00045	µg/L	QE

WELL FNB 1 collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	QE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	QE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	QE
0	Hexachloroethane	<10	µg/L	QE
0	Hexachlorophene	<10	µg/L	QE
0	Hexachloropropene	<10	µg/L	QE
0	2-Hexanone	<1.0	µg/L	QE
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	QE
0	Iodomethane (Methyl iodide)	<15	µg/L	QE
0	Iron	24	µg/L	QE
0	Isobutyl alcohol	<100	µg/L	QE
0	Isodrin	<10	µg/L	QE
0	Isophorone	<10	µg/L	QE
0	Isosafrole	<10	µg/L	QE
0	Kepone	<10	µg/L	QE
1	Lead	8.9	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Manganese	19	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methacrylonitrile	<50	µg/L	QE
0	Methapyrilene	<10	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Methyl ethyl ketone	<10	µg/L	QE
0	Methyl isobutyl ketone	<1.0	µg/L	QE
0	Methyl methacrylate	<10	µg/L	QE
0	Methyl methanesulfonate	<10	µg/L	QE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	QE
0	3-Methylcholanthrene	<10	µg/L	QE
0	2-Methylnaphthalene	<10	µg/L	QE
0	N-Nitrosodi-n-butylamine	<10	µg/L	QE
0	N-Nitrosodi-propylamine	<10	µg/L	QE
0	N-Nitrosodiethylamine	<10	µg/L	QE
0	N-Nitrosodimethylamine	<10	µg/L	QE
0	N-Nitrosodiphenylamine	<10	µg/L	QE
0	N-Nitrosomethylethylamine	<10	µg/L	QE
0	N-Nitrosomorpholine	<10	µg/L	QE
0	N-Nitrosopiperidine	<10	µg/L	QE
0	N-Nitrosopyrrolidine	<10	µg/L	QE
0	Naphthalene	<10	µg/L	QE
0	1,4-Naphthoquinone	<10	µg/L	QE
0	1-Naphthylamine	<10	µg/L	QE
0	2-Naphthylamine	<10	µg/L	QE
0	Nickel	<4.0	µg/L	QE
1	Nitrate as nitrogen	6,000	µg/L	QE
0	5-Nitro-o-toluidine	<10	µg/L	QE
0	2-Nitroaniline	<10	µg/L	QE
0	3-Nitroaniline	<10	µg/L	QE
0	4-Nitroaniline	<10	µg/L	QE
0	Nitrobenzene	<10	µg/L	QE
0	2-Nitrophenol	<10	µg/L	QE
0	4-Nitrophenol	<10	µg/L	QE
0	4-Nitroquinoline-1-oxide	<10	µg/L	QE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	QE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	QE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	QE
0	Parathion	<0.50	µg/L	QE
0	Parathion methyl	<0.50	µg/L	QE
0	PCB 1016	<0.50	µg/L	QE
0	PCB 1221	<0.50	µg/L	QE
0	PCB 1232	<0.50	µg/L	QE
0	PCB 1242	<0.50	µg/L	QE
0	PCB 1248	<0.50	µg/L	QE
0	PCB 1254	<0.50	µg/L	QE
0	PCB 1260	<0.50	µg/L	QE
0	Pentachlorobenzene	<10	µg/L	QE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	QE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	QE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	QE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	QE
0	Pentachloroethane	<10	µg/L	QE
0	Pentachloronitrobenzene	<10	µg/L	QE
0	Pentachlorophenol	<10	µg/L	QE
0	Phenacetin	<10	µg/L	QE
0	Phenanthrene	<10	µg/L	QE
0	Phenol	<10	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	p-Phenylenediamine	<10	µg/L	QE
0	Phorate	<0.50	µg/L	QE
0	2-Picoline	<10	µg/L	QE
0	Pronamid	<10	µg/L	QE
0	Propionitrile	<200	µg/L	QE
0	Pyrene	<10	µg/L	QE
0	Pyridine	<10	µg/L	QE
0	Safrole	<10	µg/L	QE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Styrene	<1.0	µg/L	QE
0	Sulfate	1,660	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Sulfide	<1,000	µg/L	QE
0	Sulfotepp	<10	µg/L	QE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	QE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	QE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	QE

WELL FNB 1 collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Thallium	<2.0	µg/L	QE
0	Thionazin	<10	µg/L	QE
0	Tin	<2.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	o-Toluidine	<10	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.000	µg/L	QE
0	1,2,4-Trichlorobenzene	<10	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	2,4,5-Trichlorophenol	<10	µg/L	QE
0	2,4,6-Trichlorophenol	<10	µg/L	QE
0	2,4,5-Trichlorophenoxyacetic acid	<0.000	µg/L	QE
0	1,2,3-Trichloropropane	<20	µg/L	QE
0	1,3,5-Trinitrobenzene	<10	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Vinyl acetate	<1.0	µg/L	QE
0	Xylenes	<1.0	µg/L	QE
0	Zinc	8.0	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
0	Nonvolatile beta	8.0E-09 ± 3.9E-09	µCi/mL	QE
0	Total activity	1.4E-04 ± 2.0E-06	µCi/mL	EM
0	Total radium	1.9E-09 ± 3.5E-09	µCi/mL	QE

WELL FNB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 9:40
Depth to water: 80.32 ft (24.48 m) below TOC — pH: 3.6
Water elevation: 207.48 ft (63.24 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 131 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	QE
0	Acenaphthylene	<10	µg/L	QE
0	Acetone	<1.0	µg/L	QE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	QE
0	Acetophenone	<10	µg/L	QE
0	2-Acetylaminofluorene	<10	µg/L	QE
0	Acrolein	<20	µg/L	QE
0	Acrylonitrile	<20	µg/L	QE
0	Aldrin	<0.50	µg/L	QE
0	Allyl chloride	<50	µg/L	QE
0	4-Aminobiphenyl	<10	µg/L	QE
0	Aniline	<10	µg/L	QE
0	Anthracene	<10	µg/L	QE
0	Aramite	<10	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	43	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	alpha-Benzene hexachloride	<0.50	µg/L	QE
0	beta-Benzene hexachloride	<0.50	µg/L	QE
0	delta-Benzene hexachloride	<0.50	µg/L	QE
0	Benzo(a)anthracene	<10	µg/L	QE
0	Benzo(a)pyrene	<10	µg/L	QE
0	Benzo(b)fluoranthene	<10	µg/L	QE
0	Benzo(g,h,i)perylene	<10	µg/L	QE
0	Benzo(k)fluoranthene	<10	µg/L	QE
0	Benzyl alcohol	<10	µg/L	QE
0	Beryllium	<5.0	µg/L	QE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	QE
0	Bis(2-chloroethoxy) methane	<10	µg/L	QE
0	Bis(2-chloroethyl) ether	<10	µg/L	QE
0	Bis(2-ethylhexyl) phthalate	11	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	4-Bromophenyl phenyl ether	<10	µg/L	QE
0	Butylbenzyl phthalate	<10	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Carbon disulfide	<1.0	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	QE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	QE
0	Chlordane	<0.50	µg/L	QE
0	para-Chloro-meta-cresol	<10	µg/L	QE
0	4-Chloroaniline	<10	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chlorobenzilate	<10	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<10	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	2-Chloronaphthalene	<10	µg/L	QE
0	2-Chlorophenol	<10	µg/L	QE
0	4-Chlorophenyl phenyl ether	<10	µg/L	QE
0	Chloroprene	<200	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Chrysene	<10	µg/L	QE
0	Cobalt	15	µg/L	QE

ANALYTICAL RESULTS

WELL FNB 2 collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Copper	8.8	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz(a,h)anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Iron	25	µg/L	GE
0	Isobutyl alcohol	< 150	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
2	Manganese	147	µg/L	GE
0	Mercury	0.29	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE

WELL FNB 2 collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-n-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	10	µg/L	GE
2	Nitrate as nitrogen	11,000	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	8,340	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	14	µg/L	GE
1	Gross alpha	1.1E-08 ± 3.8E-09	µCi/mL	GE
2	Nonvolatile beta	2.6E-07 ± 1.3E-08	µCi/mL	GE
0	Total activity	1.1E-04 ± 2.4E-06	µCi/mL	EM
2	Total radium	7.2E-09 ± 4.0E-09	µCi/mL	GE

WELL FNB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 10:10
Depth to water: 74.50 ft (22.71 m) below TOC — pH: 4.1
Water elevation: 209.50 ft (63.86 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 89 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	31	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	ET
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethlene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chlorophenol	<10	µg/L	ET
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	12	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	ET
0	m-Cresol (3-Methylpnenol)	<10	µg/L	ET
0	p-Cresol (4-Methylphenol)	<10	µg/L	ET
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	ET
0	2,6-Dichlorophenol	<10	µg/L	ET
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	ET
0	2,4-Dinitrophenol	<45	µg/L	ET
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE

WELL FNB 3 collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorophene	<10	µg/L	ET
0	2-Hexanone	<1.0	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	18	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Lead	3.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
2	Manganese	122	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	ET
0	Nickel	8.8	µg/L	GE
1	Nitrate as nitrogen	9,100	µg/L	GE
0	2-Nitrophenol	<10	µg/L	ET
0	4-Nitrophenol	<10	µg/L	ET
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachlorophenol	<10	µg/L	ET
0	Phenol	<10	µg/L	ET
0	Phenols	<5.0	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	ET
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	5,970	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	ET
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	ET
0	2,4,6-Trichlorophenol	<10	µg/L	ET
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	22	µg/L	GE
0	Gross alpha	5.8E-09 ± 2.6E-09	µCi/mL	GE
2	Nonvolatile beta	6.4E-08 ± 6.9E-09	µCi/mL	GE
1	Total radium	4.0E-09 ± 3.2E-09	µCi/mL	GE

WELL FNB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 10:10
Depth to water: 74.50 ft (22.71 m) below TOC — pH: 4.1
Water elevation: 209.50 ft (63.86 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 99 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE

ANALYTICAL RESULTS

WELL FNB 3 collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	ET
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chlorophenol	<10	µg/L	ET
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	12	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	ET
0	m-Cresol (3-Methylphenol)	<10	µg/L	ET
0	p-Cresol (4-Methylphenol)	<10	µg/L	ET
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	ET
0	2,6-Dichlorophenol	<10	µg/L	ET
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	ET
0	2,4-Dinitrophenol	<45	µg/L	ET
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorophene	<10	µg/L	ET
0	2-Hexanone	<1.0	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	17	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
2	Manganese	120	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	ET
0	Nickel	6.0	µg/L	GE
1	Nitrate as nitrogen	8,200	µg/L	GE
0	2-Nitrophenol	<10	µg/L	ET
0	4-Nitrophenol	<10	µg/L	ET
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE

WELL FNB 3 collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachlorophenol	<10	µg/L	ET
0	Phenol	<10	µg/L	ET
0	Phenols	<5.0	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	ET
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	7,180	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	ET
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	4.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	ET
0	2,4,6-Trichlorophenol	<10	µg/L	ET
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	25	µg/L	GE
0	Gross alpha	3.2E-09 ± 2.5E-09	µCi/mL	GE
2	Nonvolatile beta	6.3E-08 ± 8.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 3.5E-09	µCi/mL	GE

WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 10:55
Depth to water: 77.77 ft (23.70 m) below TOC — pH: 4.2
Water elevation: 213.73 ft (65.15 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 90 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acetone	5.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	ET
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chlorophenol	<10	µg/L	ET
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	ET
0	m-Cresol (3-Methylphenol)	<10	µg/L	ET

WELL FNB 4 collected on 05/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	p-Cresol (4-Methylphenol)	<10	µg/L	ET
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	Dichlorodifluoromethane	2.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	ET
0	2,6-Dichlorophenol	<10	µg/L	ET
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	ET
0	2,4-Dinitrophenol	<45	µg/L	ET
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	1,2,3,4,9,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorophene	<10	µg/L	ET
0	2-Hexanone	<1.0	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Manganese	8.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	ET
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,340	µg/L	GE
0	2-Nitrophenol	<10	µg/L	ET
0	4-Nitrophenol	<10	µg/L	ET
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachlorophenol	<10	µg/L	ET
0	Phenol	<10	µg/L	ET
0	Phenols	<5.0	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	ET
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	7,550	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	ET
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	ET
0	2,4,6-Trichlorophenol	<10	µg/L	ET
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL FSB 1TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 900 gal
Time: 17:30
pH: 5.2
Alkalinity: 8 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,830	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	600	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	420	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	540	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Sulfate	11,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

ANALYTICAL RESULTS

WELL FSB 1TA collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 14:25
Depth to water: 78.38 ft (23.89 m) below TOC — pH: 4.6
Water elevation: 215.61 ft (65.78 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	62	µS/cm	GE
0	Specific conductance	60	µS/cm	GE
0	Aluminum	89	µg/L	GE
0	Aluminum	97	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	47,000	µg/L	GE
0	Calcium	49,000	µg/L	GE
0	Calcium	46,100	µg/L	GE
0	Calcium	45,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,310	µg/L	GE
0	Chloride	2,290	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
1	Copper	1,000	µg/L	GE
1	Copper	1,100	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

WELL FSB 76 collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	170	µg/L	GE
1	Iron	180	µg/L	GE
2	Lead	31	µg/L	GE
2	Lead	32	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,000	µg/L	GE
0	Magnesium	2,100	µg/L	GE
1	Manganese	41	µg/L	GE
1	Manganese	43	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	18	µg/L	GE
0	Nickel	15	µg/L	GE
2	Nitrate as nitrogen	83,100	µg/L	GE
2	Nitrate as nitrogen	33,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,500	µg/L	GE
0	Sodium	8,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	500	µg/L	GE
0	Zinc	520	µg/L	GE
0	Gross alpha	3.3E-09 ± 1.5E-09	µCi/mL	GE
0	Gross alpha	4.0E-09 ± 1.6E-09	µCi/mL	GE
0	Nonvolatile beta	1.5E-08 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	1.7E-08 ± 3.6E-09	µCi/mL	GE
0	Total activity	5.7E-04 ± 5.4E-06	µCi/mL	EM
2	Total radium	1.7E-08 ± 6.3E-09	µCi/mL	GE
2	Total radium	8.5E-09 ± 4.8E-09	µCi/mL	GE
2	Tritium	7.3E-04 ± 3.8E-06	µCi/mL	GE
2	Tritium	7.4E-04 ± 3.9E-06	µCi/mL	GE

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 15:15
Depth to water: 138.49 ft (42.21 m) below TOC — pH: 6.7
Water elevation: 155.41 ft (47.37 m) msl — Alkalinity: 36 mg/L
Sp. conductance: 125 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 311 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	pH	6.6	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Specific conductance	60	µS/cm	GE
0	Aluminum	42	µg/L	GE
0	Aluminum	50	µg/L	GE

WELL FSB 76A collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	17,000	µg/L	GE
0	Calcium	17,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,250	µg/L	GE
0	Chloride	2,220	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	10	µg/L	GE
0	Copper	9.7	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	140	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	9.0	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	600	µg/L	GE
0	Magnesium	630	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	26,000	µg/L	GE
0	Silica	25,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	8,540	µg/L	GE
0	Sulfate	8,450	µg/L	GE

WELL FSB 76A collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	189,000	µg/L	GE
0	Total dissolved solids	188,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	280	µg/L	GE
0	Total phosphates (as P)	280	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.1	µg/L	GE
0	Zinc	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 Time: 16:40
Depth to water: 142.13 ft (43.32 m) below TOC pH: 6.9
Water elevation: 151.67 ft (46.23 m) msl Alkalinity: 47 mg/L
Sp. conductance: 141 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 170 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	72	µS/cm	GE
0	Aluminum	30	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	22,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,160	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	9.5	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	770	µg/L	GE

ANALYTICAL RESULTS

WELL FSB 76B collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	780	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	19,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	2,990	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	56,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	280	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	26	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91
Depth to water: 81.74 ft (24.91 m) below TOC
Water elevation: 211.66 ft (64.58 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 150 gal

Time: 16:15
pH: 5.7
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.9	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	27	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,740	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	16	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,000	µg/L	GE

WELL FSB 76C collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	2,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
1	Trichlorofluoromethane	8.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	25	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.7E-08 ± 4.0E-07	µCi/mL	GE

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91
Depth to water: 61.67 ft (18.80 m) below TOC
Water elevation: 211.63 ft (64.51 m) msl
Sp. conductance: 1565 µS/cm
Water evacuated before sampling: 66 gal

Time: 17:25
pH: 3.2
Alkalinity: 0 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.5	pH	GE
2	Specific conductance	1,610	µS/cm	GE
2	Aluminum	72,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	250	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
1	Cadmium	7.4	µg/L	GE
0	Calcium	4,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,780	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	17	µg/L	GE
0	Copper	85	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	14	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	1,900	µg/L	GE
0	Iron	93	µg/L	GE
2	Lead	26	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,600	µg/L	GE
2	Manganese	1,400	µg/L	GE
0	Mercury	0.42	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	40	µg/L	GE
2	Nitrate as nitrogen	187,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	24,000	µg/L	GE
0	Silver	3.4	µg/L	GE
0	Sodium	86,000	µg/L	GE
0	Sulfate	18,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	584,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE

WELL FSB 77 collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	24	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
2	Uranium	1,800	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	81	µg/L	GE
2	Gross alpha	5.4E-07 ± 5.8E-08	µCi/mL	GE
2	Nonvolatile beta	2.8E-06 ± 1.3E-07	µCi/mL	GE
0	Total activity	1.4E-02 ± 8.3E-05	µCi/mL	EM
2	Total radium	1.1E-07 ± 1.5E-08	µCi/mL	GE
2	Tritium	1.7E-02 ± 2.0E-05	µCi/mL	GE

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 61.59 ft (18.77 m) below TOC
Water elevation: 211.71 ft (64.53 m) msl
Sp. conductance: 1558 µS/cm
Water evacuated before sampling: 66 gal
Time: 10:00
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 18.4°C

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91
Depth to water: 63.76 ft (19.43 m) below TOC
Water elevation: 208.84 ft (63.66 m) msl
Sp. conductance: 1946 µS/cm
Water evacuated before sampling: 55 gal
Time: 10:25
pH: 3.2
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.4	pH	GE
1	pH	3.4	pH	GE
2	Specific conductance	1,880	µS/cm	GE
2	Specific conductance	1,880	µS/cm	GE
2	Aluminum	25,000	µg/L	GE
2	Aluminum	27,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
1	Antimony	3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	200	µg/L	GE
0	Barium	220	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	22	µg/L	GE
2	Cadmium	24	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,870	µg/L	GE
0	Chloride	1,950	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.3	µg/L	GE
0	Chromium	6.2	µg/L	GE
0	Cobalt	15	µg/L	GE
0	Cobalt	17	µg/L	GE
0	Copper	39	µg/L	GE
0	Copper	41	µg/L	GE
0	Cyanide	11	µg/L	GE
0	Cyanide	12	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL FSB 78 collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	21	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	190	µg/L	GE
0	Fluoride	180	µg/L	GE
0	Iron	70	µg/L	GE
0	Iron	90	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lead	8.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,200	µg/L	GE
0	Magnesium	1,300	µg/L	GE
2	Manganese	580	µg/L	GE
2	Manganese	640	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Mercury	0.46	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	20	µg/L	GE
0	Nickel	22	µg/L	GE
2	Nitrate as nitrogen	236,000	µg/L	GE
2	Nitrate as nitrogen	240,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,700	µg/L	GE
0	Potassium	2,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	110,000	µg/L	GE
0	Silica	120,000	µg/L	GE
0	Silver	2.3	µg/L	GE
0	Silver	2.9	µg/L	GE
0	Sodium	220,000	µg/L	GE
0	Sodium	240,000	µg/L	GE
2	Sulfate	1.8E+06	µg/L	GE
2	Sulfate	1.0E+06	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	1.3E+06	µg/L	GE
0	Total dissolved solids	1.3E+06	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
2	Uranium	1,600	µg/L	GE
2	Uranium	1,800	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	71	µg/L	GE
0	Zinc	78	µg/L	GE
2	Gross alpha	2.4E-07 ± 5.6E-08	µCi/mL	GE
2	Gross alpha	1.7E-07 ± 5.1E-08	µCi/mL	GE
2	Nonvolatile beta	3.1E-06 ± 1.0E-07	µCi/mL	GE
2	Nonvolatile beta	3.2E-06 ± 1.0E-07	µCi/mL	GE
0	Total activity	1.2E-02 ± 7.4E-05	µCi/mL	EM
2	Total radium	9.3E-08 ± 1.3E-08	µCi/mL	GE
2	Total radium	8.7E-08 ± 1.3E-08	µCi/mL	GE
2	Tritium	1.6E-02 ± 1.8E-05	µCi/mL	GE
2	Tritium	1.6E-02 ± 1.8E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 10:55
Depth to water: 63.85 ft (19.40 m) below TOC — pH: 3.2
Water elevation: 208.85 ft (63.68 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1778 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo(a)anthracene	< 10	µg/L	GE
0	Benzo(a)pyrene	< 10	µg/L	GE
0	Benzo(b)fluoranthene	< 10	µg/L	GE
0	Benzo(g,h,i)perylene	< 10	µg/L	GE
0	Benzo(k)fluoranthene	< 10	µg/L	GE
0	Bis(chloromethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	beta-Endosulfan	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lindane	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE
0	PCB 1232	< 150	µg/L	GE
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 1254	< 150	µg/L	GE
0	PCB 1260	< 150	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Toxaphene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 12:20
Depth to water: 63.53 ft (19.36 m) below TOC — pH: 3.3
Water elevation: 209.07 ft (63.73 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1745 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 58 gal

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 10:55
Depth to water: 116.54 ft (35.52 m) below TOC — pH: 6.5
Water elevation: 158.06 ft (47.57 m) msl — Alkalinity: 40 mg/L
Sp. conductance: 113 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 339 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	pH	6.5	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Specific conductance	84	µS/cm	GE
0	Aluminum	60	µg/L	GE
0	Aluminum	37	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Barium	24	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	16,000	µg/L	GE
0	Calcium	17,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,230	µg/L	GE
0	Chloride	2,210	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Fluoride	100	µg/L	GE

WELL FSB 78A collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	580	µg/L	GE
0	Magnesium	580	µg/L	GE
0	Manganese	4.2	µg/L	GE
0	Manganese	6.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	820	µg/L	GE
0	Potassium	860	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	25,000	µg/L	GE
0	Silica	25,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	6,930	µg/L	GE
0	Sulfate	6,930	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	79,000	µg/L	GE
0	Total dissolved solids	81,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	210	µg/L	GE
0	Total phosphates (as P)	200	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.2	µg/L	GE
0	Zinc	5.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09 ± 2.5E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.6E-05 ± 6.0E-07	µCi/mL	GE
1	Tritium	1.6E-05 ± 6.0E-07	µCi/mL	GE

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91
Depth to water: 118.39 ft (36.09 m) below TOC
Water elevation: 154.41 ft (47.06 m) msl
Sp. conductance: 212 µS/cm
Water evacuated before sampling: 189 gal
Time: 11:45
pH: 7.4
Alkalinity: 83 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	pH	7.4	pH	GE
0	Specific conductance	190	µS/cm	GE
0	Specific conductance	190	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Aluminum	29	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.4	µg/L	GE

WELL FSB 78B collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Arsenic	3.0	µg/L	GE
0	Barium	45	µg/L	GE
0	Barium	44	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	40,000	µg/L	GE
0	Calcium	38,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,070	µg/L	GE
0	Chloride	2,240	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	810	µg/L	GE
0	Magnesium	780	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	9,090	µg/L	GE
1	Nitrate as nitrogen	9,040	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	650	µg/L	GE
0	Potassium	670	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	17,000	µg/L	GE
0	Silica	16,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,500	µg/L	GE
0	Sodium	5,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE

WELL FSB 78B collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	181,000	µg/L	GE
0	Total dissolved solids	181,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Zinc	3.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	1.1E-08 ± 4.2E-09	µCi/ml	GE
0	Nonvolatile beta	8.8E-09 ± 4.1E-09	µCi/ml	GE
0	Total activity	2.5E-04 ± 3.4E-06	µCi/ml	EM
0	Total radium	2.1E-09 ± 3.5E-09	µCi/ml	GE
0	Total radium	< 1.0E-09	µCi/ml	GE
2	Tritium	3.4E-04 ± 2.7E-08	µCi/ml	GE
2	Tritium	3.3E-04 ± 2.6E-08	µCi/ml	GE

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91
Depth to water: 85.58 ft (19.99 m) below TOC
Water elevation: 207.92 ft (63.37 m) msl
Sp. conductance: 1895 µS/cm
Water evacuated before sampling: 28 gal
The well went dry during purging

Time: 15:55
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
2	Specific conductance	1,700	µS/cm	GE
2	Aluminum	13,000	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	470	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
2	Cadmium	18	µg/L	GE
0	Calcium	160,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,870	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
2	Cobalt	260	µg/L	GE
0	Copper	52	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
1	Fluoride	2,100	µg/L	GE
1	Iron	260	µg/L	GE
2	Lead	29	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	28,000	µg/L	GE
2	Manganese	6,500	µg/L	GE
0	Mercury	0.36	µg/L	GE

WELL FSB 78C collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	< 0.50	µg/L	GE
2	Nickel	110	µg/L	GE
2	Nitrate as nitrogen	254,000	µg/L	GE
2	Nitrate as nitrogen	254,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	3,500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	2,700	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	110,000	µg/L	GE
0	Sulfate	3,840	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	1.3E+06	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	820	µg/L	GE
2	Gross alpha	4.8E-08 ± 3.7E-08	µCi/ml	GE
2	Nonvolatile beta	1.9E-08 ± 9.8E-09	µCi/ml	GE
0	Total activity	8.4E-03 ± 6.1E-05	µCi/ml	EM
2	Total radium	4.6E-08 ± 9.7E-09	µCi/ml	GE
2	Tritium	9.7E-03 ± 1.4E-05	µCi/ml	GE

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91
Depth to water: 85.48 ft (19.96 m) below TOC
Water elevation: 208.02 ft (63.41 m) msl
Sp. conductance: 1886 µS/cm
Water evacuated before sampling: 28 gal
The well went dry during purging

Time: 16:50
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 10	µg/L	GE
0	Benzidine	< 10	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Bis(chloromethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	14	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	beta-Endosulfan	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE

WELL FSB 78C collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluorene	< 10	µg/L	QE
0	Heptachlor	< 10	µg/L	QE
0	Heptachlor epoxide	< 10	µg/L	QE
0	Hexachlorobenzene	< 10	µg/L	QE
0	Hexachlorobutadiene	< 10	µg/L	QE
0	Hexachlorocyclopentadiene	< 10	µg/L	QE
0	Hexachloroethane	< 10	µg/L	QE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	QE
0	Isophorone	< 10	µg/L	QE
0	Lindane	< 10	µg/L	QE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	QE
0	N-Nitrosodi-n-propylamine	< 10	µg/L	QE
0	N-Nitrosodimethylamine	< 10	µg/L	QE
0	N-Nitrosodiphenylamine	< 10	µg/L	QE
0	Naphthalene	< 10	µg/L	QE
0	Nitrobenzene	< 10	µg/L	QE
0	2-Nitrophenol	< 10	µg/L	QE
0	4-Nitrophenol	< 10	µg/L	QE
0	PCB 1016	< 150	µg/L	QE
0	PCB 1221	< 150	µg/L	QE
0	PCB 1232	< 150	µg/L	QE
0	PCB 1242	< 150	µg/L	QE
0	PCB 1248	< 150	µg/L	QE
0	PCB 1254	< 150	µg/L	QE
0	PCB 1260	< 150	µg/L	QE
0	Pentachlorophenol	< 10	µg/L	QE
0	Phenanthrene	< 10	µg/L	QE
0	Phenol	< 10	µg/L	QE
0	Pyrene	< 10	µg/L	QE
0	Toxaphene	< 10	µg/L	QE
0	1,2,4-Trichlorobenzene	< 10	µg/L	QE
0	2,4,6-Trichlorophenol	< 10	µg/L	QE

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 13:20
Depth to water: 14.90 ft (4.42 m) below TOC — pH: 3.1
Water elevation: 203.30 ft (61.97 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1660 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 77 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.5	pH	QE
2	Specific conductance	1,400	µS/cm	QE
2	Aluminum	140,000	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	690	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	3.0	µg/L	QE
0	Calcium	2,700	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	4,350	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	14	µg/L	QE
2	Cobalt	270	µg/L	QE
0	Copper	310	µg/L	QE
0	Cyanide	7.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	770	µg/L	QE
1	Iron	210	µg/L	QE
2	Lead	43	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	1,500	µg/L	QE
2	Manganese	4,500	µg/L	QE
1	Mercury	1.0	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
1	Nickel	53	µg/L	QE
2	Nitrate as nitrogen	23,000	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	1,800	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	97,000	µg/L	QE
0	Silver	5.0	µg/L	QE

WELL FSB 79 collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	97,000	µg/L	QE
1	Sulfate	202,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Thallium	< 2.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	654,000	µg/L	QE
0	Total organic carbon	3,000	µg/L	QE
1	Total organic halogens	33	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	Toxaphene	< 0.24	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
2	Uranium	2,500	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Zinc	200	µg/L	QE
2	Gross alpha	2.7E-07 ± 2.5E-08	µCi/mL	QE
2	Nonvolatile beta	1.1E-06 ± 3.7E-08	µCi/mL	QE
0	Total activity	1.7E-02 ± 8.8E-05	µCi/mL	EM
2	Total radium	1.9E-07 ± 3.4E-08	µCi/mL	QE
2	Tritium	2.0E-02 ± 2.1E-09	µCi/mL	QE

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 13:45
Depth to water: 14.86 ft (4.53 m) below TOC — pH: 3.1
Water elevation: 202.94 ft (61.86 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1667 µS/cm — Water temperature: 16.4°C
Water evacuated before sampling: 70 gal

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 14:00
Depth to water: 50.38 ft (15.35 m) below TOC — pH: 6.4
Water elevation: 107.74 ft (51.13 m) msl — Alkalinity: 21 mg/L
Sp. conductance: 80 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 377 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	QE
0	Specific conductance	60	µS/cm	QE
1	Aluminum	170	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	20	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	82,000	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	2,160	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	12	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	< 100	µg/L	QE
2	Iron	1,100	µg/L	QE
0	Lead	3.4	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	1,500	µg/L	QE
2	Manganese	130	µg/L	QE
2	Manganese	134	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE

ANALYTICAL RESULTS

WELL FSB 79A collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	< 4.0	µg/L	QE
0	Nitrate as nitrogen	240	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	740	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	17,000	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	2,400	µg/L	QE
0	Sulfate	3,440	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Thallium	< 2.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	54,000	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
0	Total organic halogens	20	µg/L	QE
0	Total phosphates (as P)	150	µg/L	QE
0	Toxaphene	< 0.24	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Uranium	< 1,000	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Zinc	45	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	QE

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 15:15
Depth to water: 80.24 ft (16.36 m) below TOC — pH: 6.8
Water elevation: 157.90 ft (48.15 m) msl — Alkalinity: 64 mg/L
Sp. conductance: 133 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 200 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	QE
0	Specific conductance	130	µS/cm	QE
0	Aluminum	87	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	26	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	29,000	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	2,170	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	< 4.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
	cis 1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	110	µg/L	QE
0	Iron	< 4.0	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	570	µg/L	QE
0	Manganese	2.4	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nitrate as nitrogen	890	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	< 500	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	24,000	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	1,800	µg/L	QE
0	Sulfate	2,170	µg/L	QE

WELL FSB 79B collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Thallium	< 2.0	µg/L	QE
0	Toluene	1.0	µg/L	QE
0	Total dissolved solids	111,000	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
0	Total organic halogens	< 5.0	µg/L	QE
0	Total phosphates (as P)	300	µg/L	QE
0	Toxaphene	< 0.24	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Uranium	< 1,000	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Zinc	11	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/ml	QE
0	Nonvolatile beta	3.7E-09 ± 1.9E-09	µCi/ml	QE
0	Total radium	< 1.0E-09	µCi/ml	QE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/ml	QE

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 15:45
Depth to water: 20.02 ft (6.38 m) below TOC — pH: 3.6
Water elevation: 197.48 ft (60.19 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1340 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 125 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	QE
1	pH	3.7	pH	QE
2	Specific conductance	1,030	µS/cm	QE
2	Specific conductance	1,040	µS/cm	QE
2	Aluminum	38,000	µg/L	QE
2	Aluminum	42,000	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	520	µg/L	QE
0	Barium	560	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
2	Cadmium	31	µg/L	QE
2	Cadmium	34	µg/L	QE
0	Calcium	17,000	µg/L	QE
0	Calcium	18,000	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	4,130	µg/L	QE
0	Chloride	4,150	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
2	Cobalt	95	µg/L	QE
2	Cobalt	100	µg/L	QE
0	Copper	55	µg/L	QE
0	Copper	59	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE

WELL FSB 79C collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2 Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	1,100	µg/L	GE
0	Fluoride	1,100	µg/L	GE
0	Iron	23	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	13,000	µg/L	GE
0	Magnesium	14,000	µg/L	GE
2	Manganese	2,100	µg/L	GE
2	Manganese	2,300	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	39	µg/L	GE
0	Nickel	42	µg/L	GE
2	Nitrate as nitrogen	153,000	µg/L	GE
2	Nitrate as nitrogen	150,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	2,400	µg/L	GE
0	Potassium	2,600	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	18,000	µg/L	GE
0	Silica	19,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	75,000	µg/L	GE
0	Sodium	81,000	µg/L	GE
0	Sulfate	2,990	µg/L	GE
0	Sulfate	3,080	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	587,000	µg/L	GE
0	Total dissolved solids	531,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
2	Total silica	19,000	µg/L	GE
2	Total silica	21,000	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	Tributyl phosphate	< 10	µg/L	GE
0	Tributyl phosphate	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	120	µg/L	GE
0	Zinc	130	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
2	Gross alpha	8.5E-08 ± 1.2E-08	µCi/mL	GE
2	Gross alpha	1.3E-07 ± 1.5E-08	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.4E-06 ± 2.6E-08	µCi/mL	GE
2	Nonvolatile beta	1.5E-06 ± 2.7E-08	µCi/mL	GE
0	Total activity	8.9E-04 ± 6.3E-06	µCi/mL	EM
0	Total radium	1.8E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.4E-09	µCi/mL	GE
2	Tritium	1.2E-02 ± 1.6E-05	µCi/mL	GE
2	Tritium	1.1E-02 ± 1.6E-05	µCi/mL	GE

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 14:05
Depth to water: 21.20 ft (6.49 m) below TOC — pH: 3.4
Water elevation: 197.11 ft (60.08 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1310 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 124 gal

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 11:00
Depth to water: 133.84 ft (40.79 m) below TOC — pH: 8.8
Water elevation: 153.96 ft (46.93 m) msl — Alkalinity: 30 mg/L
Sp. conductance: 105 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 317 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.6	pH	GE
0	Specific conductance	81	µS/cm	GE
0	Aluminum	34	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	20,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,420	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	4.4	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans 1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4 Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	81	µg/L	GE
1	Lead	9.1	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	820	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	920	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	23,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	5,230	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total phosphates (as P)	250	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	7.1	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.3E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 3.4E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 10:20
Depth to water: 136.70 ft (41.67 m) below TOC — pH: 5.8
Water elevation: 150.80 ft (45.96 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 87 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 180 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Aluminum	40	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,890	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	290	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,390	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	720	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.0E-09 ± 2.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	8.7E-05 ± 1.2E-06	µCi/mL	GE

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 11:55
Depth to water: 84.23 ft (25.67 m) below TOC — pH: 6.1
Water elevation: 203.27 ft (61.96 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 187 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 143 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	172	µS/cm	GE
0	Aluminum	27	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	34	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	16,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,890	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	3.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,700	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	21,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	870	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	197,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/ml	GE
0	Nonvolatile beta	1.7E-08 ± 6.5E-09	µCi/ml	GE
0	Total activity	1.2E-04 ± 2.5E-06	µCi/ml	EM
0	Total radium	<1.0E-09	µCi/ml	GE
2	Tritium	2.0E-03 ± 5.7E-06	µCi/ml	GE

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 11:25
The well was dry

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 13:15
Depth to water: 71.20 ft (21.70 m) below TOC — pH: 5.6
Water elevation: 211.80 ft (64.56 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Aluminum	30	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,180	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
C	Dichloromethane (Methylene chloride)	13	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	560	µg/L	GE
0	Manganese	7.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,840	µg/L	GE
0	Phenols	<5.0	µg/L	GE
C	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	14	µg/L	GE
C	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.0E-07 ± 2.0E-07	µCi/mL	GE

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 9:20
Depth to water: 67.04 ft (20.43 m) below TOC — pH: 4.3
Water elevation: 215.36 ft (65.64 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 222 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	189	µS/cm	GE
2	Aluminum	2,600	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	83	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,780	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	6.6	µg/L	GE
0	Copper	17	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	150	µg/L	GE
0	Iron	120	µg/L	GE
2	Lead	16	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	660	µg/L	GE
2	Manganese	220	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	9.8	µg/L	GE
2	Nitrate as nitrogen	24,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	26,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	30,000	µg/L	GE
0	Sulfate	34,600	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	9.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	164,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	37	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	50	µg/L	GE
2	Gross alpha	6.7E-08 ± 8.8E-09	µCi/mL	GE
2	Nonvolatile beta	3.0E-07 ± 1.4E-08	µCi/mL	GE
0	Total activity	5.4E-04 ± 1.8E-05	µCi/mL	EM
1	Total radium	4.7E-09 ± 3.3E-09	µCi/mL	GE
2	Tritium	6.0E-04 ± 3.6E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 14:45
Depth to water: 70.10 ft (21.37 m) below TOC — pH: 5.8
Water elevation: 211.20 ft (64.37 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 145 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Aluminum	39	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,070	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.	µg/L	GE
0	cis-1,3-Dichloropropene	<1..	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	490	µg/L	GE
0	Manganese	5.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,090	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	3.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.3E-05 ± 8.0E-07	µCi/mL	GE

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 14:20
Depth to water: 66.51 ft (20.27 m) below TOC — pH: 3.8
Water elevation: 214.69 ft (65.44 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 593 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	GE
1	Specific conductance	458	µS/cm	GE
2	Aluminum	14,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	110	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	4.7	µg/L	GE
0	Calcium	2,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,120	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	17	µg/L	GE
0	Copper	48	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	490	µg/L	GE
0	Iron	53	µg/L	GE
1	Lead	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,300	µg/L	GE
2	Manganese	700	µg/L	GE
0	Mercury	<2.0	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	18	µg/L	GE
0	Nitrate as nitrogen	2,090	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	16,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	61,000	µg/L	GE
0	Sulfate	28,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	289,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
1	Trichlorofluoromethane	5.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	80	µg/L	GE
2	Gross alpha	7.4E-08 ± 1.6E-08	µCi/mL	GE
2	Nonvolatile beta	1.3E-06 ± 4.1E-08	µCi/mL	GE
0	Total activity	2.3E-04 ± 3.3E-06	µCi/mL	EM
0	Total radium	1.8E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	3.0E-03 ± 7.9E-06	µCi/mL	GE

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 Time: 17:55
Depth to water: 68.19 ft (20.78 m) below TOC pH: 6.7
Water elevation: 210.21 ft (64.07 m) msl Alkalinity: 35 mg/L
Sp. conductance: 179 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 171 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	182	µS/cm	GE
0	Aluminum	87	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	49	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	16,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,980	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	260	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	5,500	µg/L	GE
0	Manganese	21	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	12,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	2,850	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	157,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
0	Trichlorofluoromethane	3.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08 ± 6.5E-09	µCi/mL	GE
0	Total activity	6.6E-04 ± 5.5E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	8.0E-04 ± 4.1E-06	µCi/mL	GE

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 Time: 9:55
Depth to water: 64.87 ft (19.77 m) below TOC pH: 3.9
Water elevation: 213.73 ft (65.15 m) msl Alkalinity: 0 mg/L
Sp. conductance: 490 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.1	pH	GE
0	pH	4.1	pH	GE
1	Specific conductance	495	µS/cm	GE
1	Specific conductance	445	µS/cm	GE
2	Aluminum	12,000	µg/L	GE
2	Aluminum	12,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	160	µg/L	GE
0	Barium	150	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	4.8	µg/L	GE
0	Cadmium	4.5	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,000	µg/L	GE
0	Chloride	3,250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	15	µg/L	GE
0	Cobalt	14	µg/L	GE
0	Copper	89	µg/L	GE
0	Copper	83	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	910	µg/L	GE
0	Fluoride	930	µg/L	GE
1	Iron	200	µg/L	GE
1	Iron	190	µg/L	GE
2	Lead	62	µg/L	GE
2	Lead	62	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,100	µg/L	GE
0	Magnesium	1,000	µg/L	GE
2	Manganese	660	µg/L	GE
2	Manganese	620	µg/L	GE
0	Mercury	0.77	µg/L	GE
0	Mercury	0.77	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL FSB 90D collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	21	µg/L	GE
0	Nickel	18	µg/L	GE
2	Nitrate as nitrogen	58,900	µg/L	GE
2	Nitrate as nitrogen	60,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	790	µg/L	GE
0	Potassium	790	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	61,000	µg/L	GE
0	Sodium	58,000	µg/L	GE
0	Sulfate	4,510	µg/L	GE
0	Sulfate	4,140	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	281,000	µg/L	GE
0	Total dissolved solids	286,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	100	µg/L	GE
0	Zinc	96	µg/L	GE
2	Gross alpha	9.1E-08 ± 9.6E-09	µCi/mL	GE
2	Gross alpha	1.1E-07 ± 1.5E-08	µCi/mL	GE
2	Nonvolatile beta	9.8E-07 ± 2.0E-08	µCi/mL	GE
2	Nonvolatile beta	1.2E-06 ± 4.1E-08	µCi/mL	GE
0	Total activity	2.2E-03 ± 3.3E-05	µCi/mL	EM
2	Total radium	5.6E-08 ± 1.3E-08	µCi/mL	GE
2	Total radium	5.1E-08 ± 1.3E-08	µCi/mL	GE
2	Tritium	2.4E-03 ± 6.9E-06	µCi/mL	GE
2	Tritium	2.4E-03 ± 6.9E-06	µCi/mL	GE

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 10:40
Depth to water: 68.90 ft (21.00 m) below TOC — pH: 5.7
Water elevation: 210.40 ft (64.13 m) msl — Alkalinity: 19 mg/L
Sp. conductance: 499 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 23 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
1	Specific conductance	440	µS/cm	GE
2	Aluminum	3,300	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	260	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	13	µg/L	GE
0	Calcium	39,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,260	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Cobalt	31	µg/L	GE

WELL FSB 91C collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Copper	11	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	570	µg/L	GE
0	Iron	75	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	4,600	µg/L	GE
2	Manganese	880	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Mercury	1.5	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	20	µg/L	GE
2	Nitrate as nitrogen	54,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	46,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	426,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	78	µg/L	GE
0	Gross alpha	6.2E-09 ± 1.1E-08	µCi/mL	GE
2	Nonvolatile beta	1.5E-08 ± 4.5E-08	µCi/mL	GE
0	Total activity	2.6E-03 ± 3.6E-05	µCi/mL	EM
2	Total radium	8.1E-08 ± 3.2E-08	µCi/mL	GE
2	Tritium	2.7E-03 ± 7.4E-06	µCi/mL	GE

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 11:30
Depth to water: 66.41 ft (20.24 m) below TOC — pH: 3.4
Water elevation: 212.79 ft (64.86 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1092 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.6	pH	GE
2	Specific conductance	1,090	µS/cm	GE
2	Aluminum	40,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	410	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
1	Cadmium	9.2	µg/L	GE
0	Calcium	8,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,790	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.5	µg/L	GE
0	Cobalt	13	µg/L	GE
0	Copper	16	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE

WELL FSB 91D collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	1,700	µg/L	GE
0	Iron	88	µg/L	GE
0	Lead	7.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	5,000	µg/L	GE
2	Manganese	990	µg/L	GE
0	Mercury	0.36	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	26	µg/L	GE
2	Nitrate as nitrogen	27,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	81,000	µg/L	GE
0	Sulfate	8,510	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	407,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	12,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	69	µg/L	GE
2	Gross alpha	1.2E-07 ± 1.8E-08	µCi/mL	GE
2	Nonvolatile beta	1.5E-06 ± 4.4E-08	µCi/mL	GE
0	Total activity	7.3E-03 ± 5.9E-05	µCi/mL	EM
2	Total radium	1.1E-07 ± 1.8E-08	µCi/mL	GE
2	Tritium	7.6E-03 ± 1.2E-05	µCi/mL	GE

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 64.61 ft (19.69 m) below TOC
Water elevation: 211.29 ft (64.40 m) msl
Sp. conductance: 1116 µS/cm
Water evacuated before sampling: 31 gal
Time: 13:00
pH: 3.5
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.6	pH	GE
2	Specific conductance	1,100	µS/cm	GE
2	Aluminum	50,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	420	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	15	µg/L	GE
0	Calcium	5,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	33,600	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	12	µg/L	GE
0	Copper	22	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE

WELL FSB 92D collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<1.0	µg/L	GE
1	Fluoride	2,200	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	5,800	µg/L	GE
2	Manganese	830	µg/L	GE
0	Mercury	0.57	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	21	µg/L	GE
2	Nitrate as nitrogen	121,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	43,000	µg/L	GE
0	Sulfate	5,380	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	412,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	26	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	65	µg/L	GE
2	Gross alpha	8.4E-08 ± 1.7E-08	µCi/mL	GE
2	Nonvolatile beta	2.0E-06 ± 5.0E-08	µCi/mL	GE
0	Total activity	1.6E-02 ± 8.7E-05	µCi/mL	EM
2	Total radium	1.1E-07 ± 2.2E-08	µCi/mL	GE
2	Tritium	1.8E-02 ± 1.8E-05	µCi/mL	GE

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 67.68 ft (20.63 m) below TOC
Water elevation: 208.52 ft (63.56 m) msl
Sp. conductance: 360 µS/cm
Water evacuated before sampling: 175 gal
Time: 13:50
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
1	Specific conductance	290	µS/cm	GE
0	Aluminum	91	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	60	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	68,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,140	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.9	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	6,100	µg/L	GE
2	Manganese	98	µg/L	GE
0	Mercury	<0.20	µg/L	GE

ANALYTICAL RESULTS

WELL FSB 93C collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	10	µg/L	GE
2	Nitrate as nitrogen	42,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	27,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	250,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	4.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	98	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	3.4E-08 ± 7.8E-09	µCi/mL	GE
0	Total activity	1.7E-03 ± 3.0E-05	µCi/mL	EM
0	Total radium	1.4E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	2.0E-03 ± 6.4E-06	µCi/mL	GE

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 16:30
Depth to water: 67.57 ft (20.60 m) below TOC — pH: 4.7
Water elevation: 208.63 ft (63.59 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 375 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 175 gal

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 13:40
Depth to water: 65.70 ft (20.03 m) below TOC
Water elevation: 210.40 ft (64.13 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 11:35
Depth to water: 59.54 ft (18.15 m) below TOC — pH: 3.8
Water elevation: 216.56 ft (66.01 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1940 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	GE
2	Specific conductance	1,530	µS/cm	GE
2	Aluminum	37,900	µg/L	GE
2	Aluminum	37,800	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	284	µg/L	GE
0	Barium	284	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	19	µg/L	GE
2	Cadmium	19	µg/L	GE
0	Calcium	8,510	µg/L	GE
0	Calcium	8,480	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,450	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE

WELL FSB 93D collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	11	µg/L	GE
0	Cobalt	10	µg/L	GE
0	Copper	31	µg/L	GE
0	Copper	31	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
1	Fluoride	2,470	µg/L	GE
1	Fluoride	3,090	µg/L	GE
2	Iron	338	µg/L	GE
2	Iron	337	µg/L	GE
2	Lead	30	µg/L	GE
2	Lead	31	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	7,930	µg/L	GE
0	Magnesium	7,900	µg/L	GE
2	Manganese	781	µg/L	GE
2	Manganese	778	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	22	µg/L	GE
0	Nickel	21	µg/L	GE
2	Nitrate as nitrogen	222,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,320	µg/L	GE
0	Potassium	1,270	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,810	µg/L	GE
0	Silica	3,790	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	49,800	µg/L	GE
0	Sodium	49,500	µg/L	GE
0	Sulfate	5,450	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	2.5	µg/L	GE
0	Total dissolved solids	800,000	µg/L	GE
0	Total dissolved solids	772,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	81	µg/L	GE
0	Zinc	80	µg/L	GE
2	Gross alpha	1.4E-07 ± 4.8E-08	µCi/mL	GE
2	Nonvolatile beta	5.2E-06 ± 1.6E-07	µCi/mL	GE
0	Total activity	1.9E-02 ± 9.5E-05	µCi/mL	EM
2	Total radium	8.6E-08 ± 1.0E-08	µCi/mL	GE
2	Tritium	2.0E-02 ± 2.1E-05	µCi/mL	GE

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 9:50
Depth to water: 73.33 ft (22.35 m) below TOC — pH: 4.4
Water elevation: 207.77 ft (63.33 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1992 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 39 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	pH	4.7	pH	GE
0	Specific conductance	192	µS/cm	GE
0	Specific conductance	192	µS/cm	GE
2	Aluminum	28,000	µg/L	GE

WELL FSB 94C collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Aluminum	27,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	600	µg/L	GE
0	Barium	590	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	23	µg/L	GE
2	Cadmium	22	µg/L	GE
0	Calcium	170,000	µg/L	GE
0	Calcium	160,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,170	µg/L	GE
0	Chloride	3,920	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Cobalt	450	µg/L	GE
2	Cobalt	440	µg/L	GE
0	Copper	36	µg/L	GE
0	Copper	38	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
2	Fluoride	4,600	µg/L	GE
2	Fluoride	4,400	µg/L	GE
2	Iron	310	µg/L	GE
2	Iron	310	µg/L	GE
2	Lead	37	µg/L	GE
2	Lead	32	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	20,000	µg/L	GE
0	Magnesium	20,000	µg/L	GE
2	Manganese	15,000	µg/L	GE
2	Manganese	15,000	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nickel	120	µg/L	GE
2	Nickel	120	µg/L	GE
2	Nitrate as nitrogen	220,000	µg/L	GE
2	Nitrate as nitrogen	264,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	12,000	µg/L	GE
0	Potassium	12,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,900	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	2.6	µg/L	GE
0	Silver	2.6	µg/L	GE
0	Sodium	150,000	µg/L	GE
0	Sodium	150,000	µg/L	GE
0	Sulfate	42,900	µg/L	GE

WELL FSB 94C collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	42,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	Total dissolved solids	1.5E+06	µg/L	GE
0	Total dissolved solids	1.3E+06	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	240	µg/L	GE
0	Zinc	230	µg/L	GE
2	Gross alpha	1.7E-08 ± 4.7E-08	µCi/mL	GE
2	Gross alpha	2.1E-08 ± 4.7E-09	µCi/mL	GE
2	Nonvolatile beta	2.8E-08 ± 1.0E-07	µCi/mL	GE
2	Nonvolatile beta	2.7E-08 ± 1.0E-07	µCi/mL	GE
0	Total activity	4.3E-05 ± 1.0E-05	µCi/mL	EM
2	Total radium	4.6E-08 ± 8.9E-09	µCi/mL	GE
2	Total radium	4.4E-08 ± 8.6E-09	µCi/mL	GE
2	Tritium	1.3E-02 ± 1.6E-05	µCi/mL	GE
2	Tritium	1.3E-02 ± 1.6E-05	µCi/mL	GE

WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 15:00
Depth to water: 70.94 ft (21.62 m) below TOC — pH: 3.0
Water elevation: 209.56 ft (63.87 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2550 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.1	pH	GE
2	Specific conductance	2,900	µS/cm	GE
2	Aluminum	140,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	1,300	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	4.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,910	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	12	µg/L	GE
2	Cobalt	51	µg/L	GE
0	Copper	100	µg/L	GE
0	Cyanide	24	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	1,100	µg/L	GE
0	Iron	160	µg/L	GE
0	Lead	3.4	µg/L	GE

WELL FSB 94DR collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,500	µg/L	GE
2	Manganese	10,000	µg/L	GE
0	Mercury	0.30	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	65	µg/L	GE
2	Nitrate as nitrogen	128,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	99,000	µg/L	GE
0	Silver	5.5	µg/L	GE
0	Sodium	190,000	µg/L	GE
0	Sulfate	4,990	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	1.4E+06	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
2	Uranium	2,700	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	180	µg/L	GE
2	Gross alpha	8.9E-07 ± 7.7E-08	µCi/mL	GE
2	Nonvolatile beta	2.0E-06 ± 1.1E-07	µCi/mL	GE
0	Total activity	3.0E-02 ± 1.2E-04	µCi/mL	EM
2	Total radium	4.1E-07 ± 4.8E-08	µCi/mL	GE
2	Tritium	3.2E-02 ± 2.6E-05	µCi/mL	GE

WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 16:20
Depth to water: 77.12 ft (23.51 m) below TOC — pH: 4.7
Water elevation: 206.88 ft (63.06 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1080 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 181 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
2	Specific conductance	1,400	µS/cm	GE
2	Aluminum	14,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	610	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	14	µg/L	GE
0	Calcium	120,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,860	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Cobalt	280	µg/L	GE
0	Copper	28	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	890	µg/L	GE
0	Iron	92	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	20,000	µg/L	GE
2	Manganese	5,600	µg/L	GE
0	Mercury	0.46	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	69	µg/L	GE
2	Nitrate as nitrogen	402,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL FSB 95CR collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Potassium	5,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	110,000	µg/L	GE
0	Sulfate	45,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	995,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	320	µg/L	GE
2	Gross alpha	6.7E-08 ± 3.0E-08	µCi/mL	GE
2	Nonvolatile beta	2.0E-06 ± 1.0E-07	µCi/mL	GE
0	Total activity	7.0E-03 ± 5.7E-05	µCi/mL	EM
2	Total radium	1.5E-07 ± 3.1E-08	µCi/mL	GE
2	Tritium	7.1E-03 ± 1.2E-05	µCi/mL	GE

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 15:55
Depth to water: 74.73 ft (22.78 m) below TOC — pH: 3.2
Water elevation: 209.37 ft (63.82 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2570 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.2	pH	GE
2	Specific conductance	2,900	µS/cm	GE
2	Aluminum	97,000	µg/L	GE
2	Antimony	9.8	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	720	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	2.1	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,890	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	11	µg/L	GE
2	Cobalt	44	µg/L	GE
0	Copper	76	µg/L	GE
0	Cyanide	31	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	570	µg/L	GE
2	Iron	300	µg/L	GE
2	Lead	33	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	890	µg/L	GE
2	Manganese	5,100	µg/L	GE
1	Mercury	1.5	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	49	µg/L	GE
2	Nitrate as nitrogen	371,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	110,000	µg/L	GE
0	Silver	4.8	µg/L	GE
0	Sodium	350,000	µg/L	GE
2	Sulfate	7.3E+06	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	37	µg/L	GE

WELL FSB 95DR collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	1.8E+08	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	7.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
2	Uranium	2,700	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	220	µg/L	GE
2	Gross alpha	5.2E-07 ± 6.2E-08	µCi/mL	GE
2	Nonvolatile beta	2.3E-06 ± 1.1E-07	µCi/mL	GE
0	Total activity	2.7E-02 ± 1.1E-04	µCi/mL	EM
2	Total radium	2.3E-07 ± 4.5E-08	µCi/mL	GE
2	Tritium	2.8E-02 ± 2.4E-05	µCi/mL	GE

WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91
Depth to water: 129.25 ft (39.09 m) below TOC
Water elevation: 152.95 ft (46.62 m) msl
Sp. conductance: 141 µS/cm
Water evacuated before sampling: 195 gal
Time: 12:05
pH: 7.3
Alkalinity: 77 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	pH	7.3	pH	GE
0	Specific conductance	145	µS/cm	GE
0	Specific conductance	145	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Aluminum	30	µg/L	GE
1	Antimony	3.2	µg/L	GE
1	Antimony	3.7	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Barium	39	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	31,000	µg/L	GE
0	Calcium	32,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chloride	2,340	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans 1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans 1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	9.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL FSB 96AR collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.3	µg/L	GE
0	Iron	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	880	µg/L	GE
0	Magnesium	710	µg/L	GE
0	Manganese	19	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	160	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Selenium	5.8	µg/L	GE
0	Selenium	6.3	µg/L	GE
0	Silica	20,000	µg/L	GE
0	Silica	21,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	1,920	µg/L	GE
0	Sulfate	1,860	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	87,000	µg/L	GE
0	Total dissolved solids	94,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.6	µg/L	GE
0	Zinc	2.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 12:05
Depth to water: 128.25 ft (39.09 m) below TOC — pH: 7.3
Water elevation: 152.95 ft (46.62 m) msl — Alkalinity: 77 mg/L
Sp. conductance: 141 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 195 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	QE
0	pH	7.3	pH	QE
0	Specific conductance	158	µS/cm	QE
0	Specific conductance	158	µS/cm	QE
0	Aluminum	27	µg/L	QE
0	Aluminum	35	µg/L	QE
0	Antimony	<2.0	µg/L	QE
1	Antimony	3.3	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	41	µg/L	QE
0	Barium	40	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	34,000	µg/L	QE
0	Calcium	33,000	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	2,350	µg/L	QE
0	Chloride	2,300	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
0	Copper	20	µg/L	QE
0	Copper	20	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethene (Methylene chloride)	2.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0060	µg/L	QE
0	Endrin	<0.0060	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	<40	µg/L	QE
0	Iron	40	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Magnesium	750	µg/L	QE
0	Magnesium	730	µg/L	QE
0	Manganese	20	µg/L	QE
0	Manganese	20	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE

WELL FSB 96AR collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	QE
0	Nickel	<4.0	µg/L	QE
0	Nitrate as nitrogen	180	µg/L	QE
0	Nitrate as nitrogen	190	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	1,500	µg/L	QE
0	Potassium	1,400	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	19,000	µg/L	QE
0	Silica	19,000	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	2,400	µg/L	QE
0	Sodium	2,400	µg/L	QE
0	Sulfate	1,870	µg/L	QE
0	Sulfate	1,850	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Thallium	<2.0	µg/L	QE
0	Thallium	<2.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	102,000	µg/L	QE
0	Total dissolved solids	108,000	µg/L	QE
0	Total organic carbon	2,000	µg/L	QE
0	Total organic carbon	1,000	µg/L	QE
0	Total organic halogens	5.0	µg/L	QE
0	Total organic halogens	7.0	µg/L	QE
0	Total phosphates (as P)	110	µg/L	QE
0	Total phosphates (as P)	90	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Uranium	<1,000	µg/L	QE
0	Uranium	<1,000	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	14	µg/L	QE
0	Zinc	14	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
0	Nonvolatile beta	2.0E-09 ± 3.4E-09	µCi/mL	QE
0	Nonvolatile beta	2.9E-09 ± 4.7E-09	µCi/mL	QE
0	Total radium	<1.0E-09	µCi/mL	QE
0	Total radium	<1.0E-09	µCi/mL	QE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	QE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	QE

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 10:25
Depth to water: 133.91 ft (40.82 m) below TOC — pH: 6.9
Water elevation: 152.19 ft (46.39 m) msl — Alkalinity: 68 mg/L
Sp. conductance: 257 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 174 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	QE
1	Specific conductance	255	µS/cm	QE
2	Aluminum	4,900	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	40	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	39,000	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	<250	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE

WELL FSB 97A collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0080	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	34	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Lindane	<0.0080	µg/L	QE
0	Magnesium	1,200	µg/L	QE
0	Manganese	6.1	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Nickel	<4.0	µg/L	QE
2	Nitrate as nitrogen	15,300	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	930	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	18,000	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	9,000	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Thallium	<2.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	213,000	µg/L	QE
0	Total organic carbon	1,000	µg/L	QE
0	Total organic carbon	1,000	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total phosphates (as P)	100	µg/L	QE
2	Total silica	18,300	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	Tributyl phosphate	<10	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Uranium	<1,000	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	10	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
0	Nonvolatile beta	1.8E-08 ± 6.5E-09	µCi/mL	QE
0	Total activity	4.3E-04 ± 4.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	QE
2	Tritium	5.7E-04 ± 3.4E-08	µCi/mL	QE

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 9:55
Depth to water: 78.29 ft (23.86 m) below TOC — pH: 3.8
Water elevation: 207.81 ft (63.34 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1980 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 27 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	QE
2	Specific conductance	2,500	µS/cm	QE
2	Aluminum	200,000	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
1	Barium	1,000	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
2	Cadmium	13	µg/L	QE
0	Calcium	58,000	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	3,020	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	47	µg/L	QE
1	Cobalt	630	µg/L	QE
0	Copper	140	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE

WELL FSB 97C collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0080	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	720	µg/L	QE
2	Iron	630	µg/L	QE
2	Lead	26	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Magnesium	10,000	µg/L	QE
2	Manganese	9,100	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
2	Nickel	120	µg/L	QE
2	Nitrate as nitrogen	320,000	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	8,800	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	7,400	µg/L	QE
0	Silver	3.8	µg/L	QE
0	Sodium	130,000	µg/L	QE
0	Sulfate	9,800	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	2.0	µg/L	QE
0	Thallium	<2.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	1.0E+06	µg/L	QE
0	Total organic carbon	3,000	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
2	Total silica	60,700	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	Tributyl phosphate	48	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
2	Uranium	2,000	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	310	µg/L	QE
2	Gross alpha	5.5E-07 ± 6.3E-08	µCi/mL	QE
2	Nonvolatile beta	2.0E-08 ± 1.0E-07	µCi/mL	QE
0	Total activity	1.8E-02 ± 8.8E-05	µCi/mL	EM
2	Total radium	1.3E-07 ± 1.3E-08	µCi/mL	QE
2	Tritium	2.5E-02 ± 2.3E-05	µCi/mL	QE

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 10:20
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 731 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 3 gal
There was insufficient water to fill all or some sample bottles

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.3	pH	QE
2	Specific conductance	900	µS/cm	QE
2	Aluminum	71,000	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	660	µg/L	QE
1	Benzene	3.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
1	Cadmium	0.7	µg/L	QE
0	Calcium	79,000	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	2,400	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	13	µg/L	QE
1	Cobalt	35	µg/L	QE
0	Copper	47	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	QE
0	1,2-Dichloropropane	1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE

ANALYTICAL RESULTS

WELL FSB 97D collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	840	µg/l	QE
2	Iron	9,300	µg/l	QE
2	Lead	304	µg/l	QE
0	Magnesium	3,500	µg/l	QE
2	Manganese	3,600	µg/l	QE
0	Mercury	<0.20	µg/l	QE
2	Nickel	120	µg/l	QE
2	Nitrate as nitrogen	118,000	µg/l	QE
0	Phenols	<5.0	µg/l	QE
0	Potassium	1,700	µg/l	QE
0	Selenium	<2.0	µg/l	QE
0	Silica	71,000	µg/l	QE
0	Silver	6.2	µg/l	QE
0	Sodium	310,000	µg/l	QE
0	Sulfate	82,200	µg/l	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/l	QE
0	Tetrachloroethylene	1.0	µg/l	QE
0	Thallium	<2.0	µg/l	QE
0	Toluene	<1.0	µg/l	QE
0	Total dissolved solids	640,000	µg/l	QE
0	Total organic carbon	1,000	µg/l	QE
0	Total organic halogens	<5.0	µg/l	QE
0	Total phosphates (as P)	<50	µg/l	QE
0	1,1,1-Trichloroethane	<1.0	µg/l	QE
0	1,1,2-Trichloroethane	<1.0	µg/l	QE
0	Trichloroethylene	<1.0	µg/l	QE
0	Trichlorofluoromethane	<1.0	µg/l	QE
2	Uranium	3,600	µg/l	QE
0	Vanadium	<10	µg/l	QE
0	Zinc	310	µg/l	QE
2	Gross alpha	2.0E-07 ± 3.0E-08	µCi/ml	QE
2	Nonvolatile beta	1.4E-08 ± 9.1E-08	µCi/ml	QE
0	Total activity	1.3E-02 ± 7.6E-05	µCi/ml	EM
2	Total radium	2.0E-08 ± 6.2E-09	µCi/ml	QE
2	Tritium	8.0E-03 ± 1.3E-05	µCi/ml	QE

WELL FSB 98A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91
Depth to water: 131.63 ft (40.12 m) below TOC
Water elevation: 151.37 ft (46.14 m) msl
Sp. conductance: 437 µS/cm
Water evacuated before sampling: 175 gal
Time: 16:35
pH: 11.4
Alkalinity: 133 mg/l
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	QE
1	Specific conductance	345	µS/cm	QE
2	Aluminum	540	µg/l	QE
1	Antimony	3.1	µg/l	QE
0	Arsenic	<2.0	µg/l	QE
0	Barium	62	µg/l	QE
0	Benzene	<1.0	µg/l	QE
0	Bromodichloromethane	<1.0	µg/l	QE
0	Bromoform	<1.0	µg/l	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/l	QE
0	Cadmium	<2.0	µg/l	QE
0	Calcium	49,900	µg/l	QE
0	Carbon tetrachloride	<1.0	µg/l	QE
0	Chloride	1,770	µg/l	QE
0	Chlorobenzene	<1.0	µg/l	QE
0	Chloroethane	<1.0	µg/l	QE
0	Chloromethane (Vinyl chloride)	<1.0	µg/l	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/l	QE
0	Chloroform	<1.0	µg/l	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/l	QE
0	Chromium	<4.0	µg/l	QE
0	Cobalt	<4.0	µg/l	QE
0	Copper	<4.0	µg/l	QE
0	Cyanide	<5.0	µg/l	QE
0	Dibromochloromethane	<1.0	µg/l	QE
0	1,1-Dichloroethane	<1.0	µg/l	QE
0	1,2-Dichloroethane	<1.0	µg/l	QE
0	1,1-Dichloroethylene	<1.0	µg/l	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/l	QE
0	Dichloromethane (Methylene chloride)	2.0	µg/l	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/l	QE
0	1,2-Dichloropropane	<1.0	µg/l	QE
0	cis-1,3-Dichloropropene	<1.0	µg/l	QE
0	trans-1,3-Dichloropropene	<1.0	µg/l	QE
0	Endrin	<0.0060	µg/l	QE
0	Ethylbenzene	<1.0	µg/l	QE
0	Fluoride	<100	µg/l	QE
0	Iron	8.2	µg/l	QE
0	Lead	<3.0	µg/l	QE
0	Lindane	<0.0050	µg/l	QE
0	Magnesium	460	µg/l	QE
0	Manganese	2.4	µg/l	QE
0	Mercury	<0.20	µg/l	QE
0	Methoxychlor	<0.50	µg/l	QE
0	Nickel	<4.0	µg/l	QE
0	Nitrate as nitrogen	400	µg/l	QE
0	Phenols	<5.0	µg/l	QE
0	Potassium	2,800	µg/l	QE

WELL FSB 98A collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/l	QE
0	Silica	14,000	µg/l	QE
0	Silver	<2.0	µg/l	QE
0	Sodium	3,200	µg/l	QE
0	Sulfate	1,340	µg/l	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/l	QE
0	Tetrachloroethylene	<1.0	µg/l	QE
0	Thallium	<2.0	µg/l	QE
0	Toluene	<1.0	µg/l	QE
0	Total dissolved solids	118,000	µg/l	QE
0	Total organic carbon	<1,000	µg/l	QE
0	Total organic halogens	10	µg/l	QE
0	Total phosphates (as P)	<50	µg/l	QE
0	Toxaphene	<0.24	µg/l	QE
0	2,4,5-TP (Silvex)	<0.000	µg/l	QE
0	1,1,1-Trichloroethane	<1.0	µg/l	QE
0	1,1,2-Trichloroethane	<1.0	µg/l	QE
0	Trichloroethylene	<1.0	µg/l	QE
0	Trichlorofluoromethane	<1.0	µg/l	QE
0	Uranium	<1,660	µg/l	QE
0	Vanadium	<10	µg/l	QE
0	Zinc	2.4	µg/l	QE
0	Gross alpha	<2.0E-09	µCi/ml	QE
0	Nonvolatile beta	<2.0E-09	µCi/ml	QE
0	Total radium	<1.0E-09	µCi/ml	QE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/ml	QE

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91
Depth to water: 74.93 ft (22.75 m) below TOC
Water elevation: 208.47 ft (63.54 m) msl
Sp. conductance: 1917 µS/cm
Water evacuated before sampling: 152 gal
Time: 11:40
pH: 3.2
Alkalinity: 0 mg/l
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.3	pH	QE
1	pH	3.3	pH	QE
2	Specific conductance	1,900	µS/cm	QE
2	Specific conductance	1,900	µS/cm	QE
2	Aluminum	100,000	µg/l	QE
2	Aluminum	156,000	µg/l	QE
0	Antimony	<2.0	µg/l	QE
0	Antimony	<2.0	µg/l	QE
0	Arsenic	<2.0	µg/l	QE
0	Arsenic	<2.0	µg/l	QE
0	Barium	700	µg/l	QE
0	Barium	660	µg/l	QE
0	Benzene	<1.0	µg/l	QE
0	Benzene	<1.0	µg/l	QE
0	Bromodichloromethane	<1.0	µg/l	QE
0	Bromodichloromethane	<1.0	µg/l	QE
0	Bromoform	<1.0	µg/l	QE
0	Bromoform	<1.0	µg/l	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/l	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/l	QE
2	Cadmium	13	µg/l	QE
2	Cadmium	13	µg/l	QE
0	Calcium	10,000	µg/l	QE
0	Calcium	10,000	µg/l	QE
0	Carbon tetrachloride	<1.0	µg/l	QE
0	Carbon tetrachloride	<1.0	µg/l	QE
0	Chloride	8,210	µg/l	QE
0	Chloride	5,940	µg/l	QE
0	Chlorobenzene	<1.0	µg/l	QE
0	Chlorobenzene	<1.0	µg/l	QE
0	Chloroethane	<1.0	µg/l	QE
0	Chloroethane	<1.0	µg/l	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/l	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/l	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/l	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/l	QE
0	Chloroform	<1.0	µg/l	QE
0	Chloroform	<1.0	µg/l	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/l	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/l	QE
0	Chromium	<4.0	µg/l	QE
0	Chromium	<4.0	µg/l	QE
2	Cobalt	380	µg/l	QE
2	Cobalt	380	µg/l	QE
0	Copper	120	µg/l	QE
0	Copper	120	µg/l	QE
0	Cyanide	<5.0	µg/l	QE
0	Cyanide	<5.0	µg/l	QE
0	Dibromochloromethane	<1.0	µg/l	QE
0	Dibromochloromethane	<1.0	µg/l	QE
0	1,1-Dichloroethane	<1.0	µg/l	QE
0	1,1-Dichloroethane	<1.0	µg/l	QE
0	1,2-Dichloroethane	<1.0	µg/l	QE
0	1,2-Dichloroethane	<1.0	µg/l	QE
0	1,1-Dichloroethylene	<1.0	µg/l	QE
0	1,1-Dichloroethylene	<1.0	µg/l	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/l	QE

WELL FSB 98C collected on 04/08/91, laboratory analyses (cont.)

E	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0000	µg/L	GE
0	Endrin	< 0.0000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	1,600	µg/L	GE
0	Fluoride	1,800	µg/L	GE
0	Iron	29	µg/L	GE
0	Iron	29	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	4,800	µg/L	GE
0	Magnesium	4,800	µg/L	GE
2	Manganese	8,000	µg/L	GE
2	Manganese	8,500	µg/L	GE
0	Mercury	0.40	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
1	Nickel	60	µg/L	GE
1	Nickel	59	µg/L	GE
2	Nitrate as nitrogen	248,000	µg/L	GE
2	Nitrate as nitrogen	248,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	2,100	µg/L	GE
0	Potassium	2,100	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	59,000	µg/L	GE
0	Silica	59,000	µg/L	GE
0	Silver	4.3	µg/L	GE
0	Silver	4.3	µg/L	GE
0	Sodium	90,000	µg/L	GE
0	Sodium	90,000	µg/L	GE
0	Sulfate	15,800	µg/L	GE
0	Sulfate	17,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	648,000	µg/L	GE
0	Total dissolved solids	697,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
2	Uranium	1,900	µg/L	GE
2	Uranium	1,800	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	160	µg/L	GE
0	Zinc	160	µg/L	GE
2	Gross alpha	4.6E-07 ± 6.3E-08	µCi/mL	GE
2	Gross alpha	4.9E-07 ± 5.9E-08	µCi/mL	GE
2	Nonvolatile beta	1.8E-08 ± 9.6E-08	µCi/mL	GE
2	Nonvolatile beta	2.1E-08 ± 9.9E-08	µCi/mL	GE
0	Total activity	1.2E-07 ± 7.2E-05	µCi/mL	EM
2	Total radium	9.1E-08 ± 1.2E-08	µCi/mL	GE
2	Total radium	9.7E-08 ± 1.3E-08	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.8E-05	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.7E-05	µCi/mL	GE

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 11:15
Depth to water: 72.33 ft (22.05 m) below TOC — pH: 3.0
Water elevation: 210.77 ft (64.24 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2480 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

E	Analyte	Result	Unit	Lab
1	pH	3.7	pH	GE
1	pH	3.7	pH	GE
2	Specific conductance	2,800	µS/cm	GE
2	Specific conductance	2,800	µS/cm	GE
2	Aluminum	120,000	µg/L	GE
2	Aluminum	120,000	µg/L	GE
2	Antimony	7.8	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
2	Barium	2,000	µg/L	GE
1	Barium	1,900	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	3.1	µg/L	GE
0	Cadmium	3.0	µg/L	GE
0	Calcium	12,000	µg/L	GE
0	Calcium	12,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	5,200	µg/L	GE
0	Chloride	5,200	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	9.3	µg/L	GE
0	Chromium	7.5	µg/L	GE
2	Cobalt	280	µg/L	GE
2	Cobalt	270	µg/L	GE
0	Copper	100	µg/L	GE
0	Copper	100	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	25	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	1,770	µg/L	GE
0	Fluoride	1,690	µg/L	GE
2	Iron	690	µg/L	GE
2	Iron	670	µg/L	GE
2	Lead	23	µg/L	GE
2	Lead	21	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	2,000	µg/L	GE
0	Magnesium	2,000	µg/L	GE
2	Manganese	13,000	µg/L	GE
2	Manganese	13,000	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE

ANALYTICAL RESULTS

WELL FSB 98D collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Nickel	80	µg/L	GE
1	Nickel	82	µg/L	GE
2	Nitrate as nitrogen	393,000	µg/L	GE
2	Nitrate as nitrogen	413,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,300	µg/L	GE
0	Potassium	2,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	80,000	µg/L	GE
0	Silica	78,000	µg/L	GE
0	Silver	9.7	µg/L	GE
0	Silver	9.1	µg/L	GE
0	Sodium	360,000	µg/L	GE
0	Sodium	360,000	µg/L	GE
0	Sulfate	16,700	µg/L	GE
0	Sulfate	16,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	7.0	µg/L	GE
0	Toluene	7.0	µg/L	GE
0	Total dissolved solids	1.6E+06	µg/L	GE
0	Total dissolved solids	1.6E+06	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	16	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
2	Uranium	5,400	µg/L	GE
2	Uranium	5,200	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	190	µg/L	GE
0	Zinc	180	µg/L	GE
2	Gross alpha	8.8E-07 ± 8.9E-08	µCi/mL	GE
2	Gross alpha	9.9E-07 ± 9.5E-08	µCi/mL	GE
2	Nonvolatile beta	2.8E-08 ± 9.9E-08	µCi/mL	GE
2	Nonvolatile beta	2.7E-08 ± 9.9E-08	µCi/mL	GE
0	Total activity	2.8E-02 ± 1.1E-04	µCi/mL	EM
2	Total radium	1.0E-07 ± 1.3E-08	µCi/mL	GE
2	Total radium	1.0E-07 ± 1.3E-08	µCi/mL	GE
2	Tritium	3.5E-02 ± 2.7E-05	µCi/mL	GE
2	Tritium	3.4E-02 ± 2.1E-05	µCi/mL	GE

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 13:15
Depth to water: 136.82 ft (41.70 m) below TOC — pH: 7.1
Water elevation: 150.78 ft (45.96 m) msl — Alkalinity: 81 mg/L
Sp. conductance: 132 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Aluminum	68	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	37	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	23,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,080	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE

WELL FSB 99A collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,200	µg/L	GE
0	Manganese	8.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,440	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	16,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	1,070	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	125,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	270	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.1E-09	µCi/mL	GE
2	Tritium	1.0E-04 ± 1.4E-06	µCi/mL	GE

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 13:35
Depth to water: 78.70 ft (23.99 m) below TOC — pH: 5.8
Water elevation: 209.00 ft (63.70 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 348 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
1	Specific conductance	355	µS/cm	GE
1	Aluminum	110	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	100	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	2.2	µg/L	GE
0	Calcium	19,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,940	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	5.7	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2 Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans 1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4 Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL FSB 99C collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	9,800	µg/L	GE
2	Manganese	100	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.8	µg/L	GE
2	Nitrate as nitrogen	40,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	35,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	248,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	15	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	91	µg/L	GE
0	Gross alpha	6.0E-09 ± 9.7E-09	µCi/mL	GE
2	Nonvolatile beta	1.2E-07 ± 3.2E-08	µCi/mL	GE
0	Total activity	2.0E-03 ± 9.5E-06	µCi/mL	EM
2	Total radium	8.1E-09 ± 4.7E-09	µCi/mL	GE
2	Tritium	2.8E-03 ± 7.2E-06	µCi/mL	GE

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 14:20
Depth to water: 75.75 ft (23.09 m) below TOC — pH: 4.6
Water elevation: 211.85 ft (64.57 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 46 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	30	µS/cm	GE
2	Aluminum	220	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,480	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	<3.0	µg/L	GE

WELL FSB 99D collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	23	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,360	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sulfate	8,180	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	7.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	50,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.6	µg/L	GE
1	Gross alpha	7.9E-09 ± 2.9E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08 ± 4.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.4E-05 ± 9.0E-07	µCi/mL	GE

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 13:25
Depth to water: 75.58 ft (23.04 m) below TOC — pH: 4.3
Water elevation: 212.02 ft (64.62 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 37 gal

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 16:15
Depth to water: 134.25 ft (40.95 m) below TOC — pH: 7.0
Water elevation: 151.65 ft (46.22 m) msl — Alkalinity: 60 mg/L
Sp. conductance: 165 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 146 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	Specific conductance	140	µS/cm	GE
0	Aluminum	26	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	22,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,320	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL FSB100A collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	84	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,300	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	5,810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,500	µg/L	GE
0	Sulfate	1,630	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	140,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	150	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.0E-04 ± 2.0E-06	µCi/mL	GE

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 10:10
Depth to water: 133.45 ft (40.68 m) below TOC — pH: 7.0
Water elevation: 151.75 ft (46.25 m) msl — Alkalinity: 68 mg/L
Sp. conductance: 171 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 154 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	Specific conductance	139	µS/cm	GE
0	Aluminum	<20	µg/L	GE
2	Antimony	5.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	34	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	27,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,620	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	40	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	660	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL FSB101A collected on 04/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,340	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	1,880	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	106,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	140	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 3.0E-07	µCi/mL	GE

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 10:10
Depth to water: 133.45 ft (40.68 m) below TOC — pH: 7.0
Water elevation: 151.75 ft (46.25 m) msl — Alkalinity: 68 mg/L
Sp. conductance: 171 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 154 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
0	pH	7.7	pH	GE
0	Specific conductance	161	µS/cm	GE
0	Specific conductance	159	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
1	Antimony	3.2	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	25,000	µg/L	GE
0	Calcium	25,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,830	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL FSB101A collected on 04/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	670	µg/L	GE
0	Magnesium	670	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,340	µg/L	GE
0	Nitrate as nitrogen	1,450	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,500	µg/L	GE
0	Potassium	4,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sulfate	1,640	µg/L	GE
0	Sulfate	1,660	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	115,000	µg/L	GE
0	Total dissolved solids	123,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.4	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-08 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	5.0E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07 ± 3.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07 ± 3.0E-07	µCi/mL	GE

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 9:45
Depth to water: 5.40 ft (1.65 m) below TOC pH: 4.3
Water elevation: 185.70 ft (59.65 m) msl Alkalinity: 0 mg/L
Sp. conductance: 445 µS/cm Water temperature: 18.1°C
Water evacuated before sampling: 131 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
1	Specific conductance	400	µS/cm	GE
2	Aluminum	1,400	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	120	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
1	Cadmium	7.4	µg/L	GE
0	Calcium	18,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,480	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Cobalt	48	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	460	µg/L	GE
0	Iron	4.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	6,800	µg/L	GE
2	Manganese	1,100	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	18	µg/L	GE
2	Nitrate as nitrogen	86,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	53,000	µg/L	GE
0	Sulfate	3,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	310,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	51	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	7.0E-07 ± 2.1E-08	µCi/mL	GE
0	Total activity	1.3E-03 ± 9.0E-06	µCi/mL	EM
2	Total radium	9.2E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 12:25
Depth to water: 39.17 ft (11.94 m) below TOC — pH: 5.7
Water elevation: 203.23 ft (61.95 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 207 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 147 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	215	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	27,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,580	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,700	µg/L	GE
0	Manganese	22	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.8	µg/L	GE
2	Nitrate as nitrogen	21,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	4.1	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	2,130	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	221,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	36	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	28	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 2.0E-09	µCi/mL	GE
0	Total activity	7.3E-04 ± 6.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	8.2E-04 ± 4.1E-06	µCi/mL	GE

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 11:45
Depth to water: 39.31 ft (11.98 m) below TOC — pH: 5.6
Water elevation: 203.09 ft (61.90 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 242 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 147 gal

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 13:20
Depth to water: 17.37 ft (5.29 m) below TOC — pH: 5.2
Water elevation: 201.73 ft (61.48 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 322 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 134 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
1	Specific conductance	312	µS/cm	GE
0	Aluminum	62	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	74	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	38,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,810	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	5,500	µg/L	GE
1	Manganese	27	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	14	µg/L	GE
2	Nitrate as nitrogen	20,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	308,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	59	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.5E-09 ± 2.4E-09	µCi/mL	GE
0	Total activity	1.2E-03 ± 7.9E-06	µCi/mL	EM
0	Total radium	1.3E-09 ± 2.5E-09	µCi/mL	GE

WELL FSB104C collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tritium	1.3E-03 ± 5.2E-06	µCi/mL	GE

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 12:50
Depth to water: 13.57 ft (4.14 m) below TOC pH: 3.7
Water elevation: 205.63 ft (62.68 m) msl Alkalinity: 0 mg/L
Sp. conductance: 839 µS/cm Water temperature: 17.6°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
2	Specific conductance	700	µS/cm	GE
2	Aluminum	83,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	370	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	19	µg/L	GE
0	Calcium	4,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,500	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.4	µg/L	GE
2	Cobalt	140	µg/L	GE
0	Copper	190	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	640	µg/L	GE
1	Iron	170	µg/L	GE
0	Lead	3.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,100	µg/L	GE
2	Manganese	2,700	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	45	µg/L	GE
2	Nitrate as nitrogen	251,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	57,000	µg/L	GE
0	Silver	3.2	µg/L	GE
0	Sodium	140,000	µg/L	GE
0	Sulfate	22,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	414,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
2	Uranium	2,200	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	140	µg/L	GE
2	Gross alpha	1.3E-07 ± 2.2E-08	µCi/mL	GE
2	Nonvolatile beta	1.2E-06 ± 5.6E-08	µCi/mL	GE
0	Total activity	8.0E-03 ± 6.5E-05	µCi/mL	EM
2	Total radium	3.3E-08 ± 7.0E-09	µCi/mL	GE
2	Tritium	8.7E-03 ± 1.3E-05	µCi/mL	GE

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 Time: 15:15
Depth to water: 76.80 ft (23.93 m) below TOC pH: 3.4
Water elevation: 207.30 ft (63.19 m) msl Alkalinity: 0 mg/L
Sp. conductance: 1617 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 173 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.5	pH	GE
2	Specific conductance	1,620	µS/cm	GE
2	Aluminum	80,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	770	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	22	µg/L	GE
0	Calcium	18,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,820	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Cobalt	650	µg/L	GE
0	Copper	81	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
1	Fluoride	2,400	µg/L	GE
0	Iron	29	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	8,100	µg/L	GE
2	Manganese	7,100	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	88	µg/L	GE
2	Nitrate as nitrogen	197,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	27,000	µg/L	GE
0	Silver	2.0	µg/L	GE
0	Sodium	91,000	µg/L	GE
0	Sulfate	3,480	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	671,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	210	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	9.4E-03 ± 6.4E-05	µCi/mL	EM
2	Total radium	9.5E-08 ± 1.3E-08	µCi/mL	GE
2	Tritium	1.3E-02 ± 1.6E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 12:45
Depth to water: 78.44 ft (23.91 m) below TOC — pH: 3.4
Water elevation: 207.38 ft (63.20 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1553 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 173 gal

WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 15:50
Depth to water: 75.71 ft (23.08 m) below TOC — pH: 3.2
Water elevation: 209.89 ft (63.98 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2830 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.3	pH	GE
2	Specific conductance	3,200	µS/cm	GE
2	Aluminum	230,000	µg/L	GE
0	Antimony	<20	µg/L	GE
0	Arsenic	<20	µg/L	GE
1	Barium	1,500	µg/L	GE
0	Benzene	<10	µg/L	GE
0	Bromodichloromethane	<10	µg/L	GE
0	Bromoform	<10	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	GE
0	Cadmium	<20	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Carbon tetrachloride	<10	µg/L	GE
0	Chloride	9,410	µg/L	GE
0	Chlorobenzene	<10	µg/L	GE
0	Chloroethane	<10	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<10	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	GE
0	Chromium	79	µg/L	GE
2	Cobalt	620	µg/L	GE
0	Copper	200	µg/L	GE
0	Cyanide	10	µg/L	GE
0	Dibromochloromethane	<10	µg/L	GE
0	1,1-Dichloroethane	<10	µg/L	GE
0	1,2-Dichloroethane	<10	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	GE
0	trans-1,2-Dichloroethylene	<10	µg/L	GE
0	Dichloromethane (Methylene chloride)	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<10	µg/L	GE
0	trans-1,3-Dichloropropene	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<10	µg/L	GE
0	Fluoride	710	µg/L	GE
1	Iron	280	µg/L	GE
0	Lead	3.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,200	µg/L	GE
2	Manganese	20,000	µg/L	GE
1	Mercury	1.5	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nickel	160	µg/L	GE
2	Nitrate as nitrogen	428,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	60,000	µg/L	GE
0	Silver	8.0	µg/L	GE
0	Sodium	83,000	µg/L	GE
0	Sulfate	16,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<10	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	GE
0	Thallium	<20	µg/L	GE
0	Toluene	<10	µg/L	GE
0	Total dissolved solids	921,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
0	Trichloroethylene	<10	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	GE
2	Uranium	3,800	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	280	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/ml	GE
2	Nonvolatile beta	2.7E-06 ± 1.0E-07	µCi/ml	GE
0	Total activity	2.7E-02 ± 1.1E-04	µCi/ml	EM
2	Total radium	7.4E-08 ± 9.7E-09	µCi/ml	GE

WELL FSB105DR collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tritium	3.0E-02 ± 2.8E-05	µCi/ml	GE

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 14:10
Depth to water: 33.08 ft (10.08 m) below TOC — pH: 5.2
Water elevation: 202.02 ft (61.58 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 713 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 151 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
2	Specific conductance	1,080	µS/cm	GE
2	Aluminum	4,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	230	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	15	µg/L	GE
0	Calcium	46,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Cobalt	75	µg/L	GE
0	Copper	7.8	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	620	µg/L	GE
0	Iron	4.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	10,000	µg/L	GE
2	Manganese	1,600	µg/L	GE
0	Mercury	0.25	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	23	µg/L	GE
2	Nitrate as nitrogen	85,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	74,000	µg/L	GE
0	Sulfate	8,820	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	567,000	µg/L	GE
0	Total organic carbon	1,600	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	64	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/ml	GE
2	Nonvolatile beta	1.8E-06 ± 9.6E-08	µCi/ml	GE
0	Total activity	2.3E-02 ± 1.0E-04	µCi/ml	EM
2	Total radium	3.3E-08 ± 6.7E-09	µCi/ml	GE
2	Tritium	3.1E-03 ± 8.5E-06	µCi/ml	GE

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 15:40
Depth to water: 33.48 ft (10.21 m) below TOC — pH: 4.7
Water elevation: 201.81 ft (61.45 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 738 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 120 gal

WELL FSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 13:25
Depth to water: 28.01 ft (8.54 m) below TOC — pH: 6.5
Water elevation: 208.89 ft (63.06 m) msl — Alkalinity: 57 mg/L
Sp. conductance: 137 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.8	pH	GE
0	Specific conductance	112	µS/cm	GE
0	Aluminum	32	µg/L	GE
1	Antimony	3.3	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	20,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,310	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.4	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	420	µg/L	GE
0	Iron	53	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	820	µg/L	GE
1	Manganese	36	µg/L	GE
0	Mercury	<0.20	µg/L	GE
2	Nickel	290	µg/L	GE
0	Nitrate as nitrogen	1,580	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sulfate	2,570	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	75,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	750	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.9E-09	µCi/mL	GE
2	Tritium	1.9E-04 ± 2.0E-06	µCi/mL	GE

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 17:25
Depth to water: 60.73 ft (18.51 m) below TOC — pH: 6.8
Water elevation: 210.17 ft (64.08 m) msl — Alkalinity: 66 mg/L
Sp. conductance: 157 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 156 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	185	µS/cm	GE
0	Aluminum	37	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,080	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,900	µg/L	GE
1	Manganese	36	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	4,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	112,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	90	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	4.4E-08 ± 5.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.5E-04 ± 1.8E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 17:00
Depth to water: 57.35 ft (17.48 m) below TOC — pH: 3.7
Water elevation: 213.65 ft (65.12 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 515 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
2	Specific conductance	510	µS/cm	GE
2	Aluminum	15,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	140	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	4.8	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,170	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	18	µg/L	GE
0	Copper	13	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	890	µg/L	GE
0	Iron	58	µg/L	GE
0	Lead	5.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,300	µg/L	GE
2	Manganese	830	µg/L	GE
2	Mercury	3.1	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	13	µg/L	GE
2	Nitrate as nitrogen	64,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	760	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	21,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	52,000	µg/L	GE
0	Sulfate	2,170	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	281,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	33	µg/L	GE
2	Gross alpha	1.2E-07 ± 1.5E-08	µCi/mL	GE
2	Nonvolatile beta	1.0E-06 ± 3.7E-08	µCi/mL	GE
0	Total activity	9.3E-04 ± 2.2E-05	µCi/mL	EM
2	Total radium	3.5E-08 ± 7.2E-09	µCi/mL	GE
2	Tritium	1.2E-03 ± 5.1E-06	µCi/mL	GE

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 9:35
Depth to water: 57.39 ft (17.49 m) below TOC — pH: 3.8
Water elevation: 213.61 ft (65.11 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 511 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 33 gal

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 12:20
Depth to water: 82.05 ft (25.01 m) below TOC — pH: 8.5
Water elevation: 215.95 ft (65.82 m) msl — Alkalinity: 22 mg/L
Sp. conductance: 71 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	68	µS/cm	GE
0	Aluminum	35	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,900	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	62	µg/L	GE
0	Lead	3.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	570	µg/L	GE
1	Manganese	32	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	12	µg/L	GE
0	Nitrate as nitrogen	1,180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sulfate	1,150	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	36	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 11:45
Depth to water: 80.81 ft (24.57 m) below TOC — pH: 8.4
Water elevation: 212.49 ft (64.77 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 75 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.5	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Aluminum	31	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,720	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	18	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	290	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	900	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.3	µg/L	GE
0	Nitrate as nitrogen	1,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	43,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	560	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.1E-04 ± 1.5E-06	µCi/mL	GE

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 15:10
Depth to water: 32.12 ft (9.79 m) below TOC — pH: 8.1
Water elevation: 202.38 ft (61.69 m) msl — Alkalinity: 17 mg/L
Sp. conductance: 348 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 170 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.8	pH	GE
1	Specific conductance	340	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	88	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	37,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,900	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	5,300	µg/L	GE
1	Manganese	29	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.2	µg/L	GE
2	Nitrate as nitrogen	20,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	354,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	48	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	15	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	4.4E-08 ± 5.7E-09	µCi/mL	GE
0	Total activity	1.1E-03 ± 7.7E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.3E-03 ± 5.4E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 15:20
Depth to water: 32.38 ft (9.86 m) below TOC — pH: 5.9
Water elevation: 202.14 ft (61.61 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 387 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 169 gal

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 14:30
Depth to water: 28.22 ft (8.60 m) below TOC — pH: 3.2
Water elevation: 208.28 ft (62.87 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1549 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.2	pH	GE
2	Specific conductance	2,090	µS/cm	GE
2	Aluminum	78,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.0	µg/L	GE
0	Barium	100	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,790	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	7.0	µg/L	GE
0	Cobalt	9.4	µg/L	GE
0	Copper	80	µg/L	GE
0	Cyanide	7.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	650	µg/L	GE
2	Iron	300	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	570	µg/L	GE
2	Manganese	540	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	28	µg/L	GE
2	Nitrate as nitrogen	280,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	73,000	µg/L	GE
0	Silver	3.5	µg/L	GE
0	Sodium	64,000	µg/L	GE
0	Sulfate	35,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	1.0E+06	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	130,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.050	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
2	Uranium	2,100	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	110	µg/L	GE
2	Gross alpha	5.7E-07 ± 6.5E-08	µCi/ml	GE
2	Nonvolatile beta	1.8E-06 ± 1.0E-07	µCi/ml	GE

WELL FSB110D collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total activity	2.8E-02 ± 1.1E-04	µCi/mL	EM
2	Total radium	8.4E-08 ± 1.0E-08	µCi/ml	GE
2	Tritium	3.1E-02 ± 2.0E-05	µCi/ml	GE

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 14:35
Depth to water: 28.44 ft (8.67 m) below TOC — pH: 3.0
Water elevation: 206.06 ft (62.81 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1990 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 39 gal

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 16:35
Depth to water: 64.68 ft (19.71 m) below TOC — pH: 5.5
Water elevation: 211.02 ft (64.50 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 55 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	48	µS/cm	GE
0	Aluminum	27	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	6.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	420	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,930	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,850	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	33	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.050	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE

WELL FSB111C collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Uranium	< 1,000	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Zinc	8.3	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	QE
0	Total radium	1.0E-09 ± 3.1E-09	µCi/mL	QE
0	Tritium	8.2E-08 ± 4.0E-07	µCi/mL	QE

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91
Depth to water: 61.49 ft (18.74 m) below TOC
Water elevation: 215.11 ft (65.57 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 35 gal
Time: 18:50
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	QE
0	Specific conductance	25	µS/cm	QE
0	Aluminum	39	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	12	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	860	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	3,300	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	< 4.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	< 100	µg/L	QE
0	Iron	6.8	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	560	µg/L	QE
0	Manganese	13	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
2	Nitrate as nitrogen	85,400	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	< 500	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	6,800	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	3,300	µg/L	QE
0	Sulfate	1,310	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	2.0	µg/L	QE
0	Thallium	< 2.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	15,000	µg/L	QE
0	Total organic carbon	3,000	µg/L	QE
2	Total organic halogens	52	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	Toxaphene	< 0.24	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
2	Trichlorofluoromethane	10	µg/L	QE
0	Uranium	< 1,000	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Zinc	14	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	7.8E-09 ± 3.3E-09	µCi/mL	QE
0	Total radium	1.7E-09 ± 2.5E-09	µCi/mL	QE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	QE

WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 74.76 ft (22.79 m) below TOC
Water elevation: 154.34 ft (47.04 m) msl
Sp. conductance: 160 µS/cm
Water evacuated before sampling: 194 gal
Time: 10:15
pH: 7.3
Alkalinity: 112 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.4	pH	QE
1	pH	8.4	pH	QE
0	Specific conductance	142	µS/cm	QE
0	Specific conductance	142	µS/cm	QE
0	Aluminum	82	µg/L	QE
0	Aluminum	74	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
1	Antimony	3.8	µg/L	QE
0	Arsenic	2.9	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	33	µg/L	QE
0	Barium	33	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	22,000	µg/L	QE
0	Calcium	22,000	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	2,760	µg/L	QE
0	Chloride	1,730	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	< 4.0	µg/L	QE
0	Copper	< 4.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	270	µg/L	QE
0	Fluoride	270	µg/L	QE
0	Iron	< 4.0	µg/L	QE
0	Iron	< 4.0	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	420	µg/L	QE
0	Magnesium	430	µg/L	QE
0	Manganese	4.9	µg/L	QE
0	Manganese	4.8	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE

ANALYTICAL RESULTS

WELL FSB112A collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,200	µg/L	GE
0	Nitrate as nitrogen	3,140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	8,800	µg/L	GE
0	Potassium	7,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	32,000	µg/L	GE
0	Silica	32,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,300	µg/L	GE
0	Sodium	8,300	µg/L	GE
0	Sulfate	12,000	µg/L	GE
0	Sulfate	12,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	140,000	µg/L	GE
0	Total dissolved solids	99,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	860	µg/L	GE
0	Total phosphates (as P)	870	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<20	µg/L	GE
0	Zinc	<20	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-08 ± 5.1E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08 ± 7.1E-09	µCi/mL	GE
1	Total radium	3.9E-09 ± 3.9E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 3.5E-09	µCi/mL	GE
2	Tritium	1.3E-04 ± 1.6E-06	µCi/mL	GE
2	Tritium	1.3E-04 ± 1.6E-06	µCi/mL	GE

WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 Time: 11:15
Depth to water: 28.95 ft (8.21 m) below TOC pH: 5.2
Water elevation: 202.15 ft (61.62 m) msl Alkalinity: 1 mg/L
Sp. conductance: 1517 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 193 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
2	Specific conductance	1,400	µS/cm	GE
2	Aluminum	2,700	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	580	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	28	µg/L	GE
0	Calcium	120,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,190	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Cobalt	130	µg/L	GE
0	Copper	4.8	µg/L	GE

WELL FSB112C collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	980	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	40,000	µg/L	GE
2	Manganese	3,000	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	49	µg/L	GE
2	Nitrate as nitrogen	213,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	8,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	150,000	µg/L	GE
0	Sulfate	13,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	1.3E+06	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	100	µg/L	GE
2	Gross alpha	3.1E-08 ± 2.6E-08	µCi/mL	GE
2	Nonvolatile beta	1.8E-08 ± 9.6E-08	µCi/mL	GE
0	Total activity	7.3E-03 ± 6.2E-05	µCi/mL	EM
2	Total radium	1.1E-07 ± 1.2E-08	µCi/mL	GE
2	Tritium	8.4E-03 ± 1.3E-05	µCi/mL	GE

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 Time: 10:45
Depth to water: 23.39 ft (7.13 m) below TOC pH: 3.5
Water elevation: 206.21 ft (62.85 m) msl Alkalinity: 0 mg/L
Sp. conductance: 1691 µS/cm Water temperature: 17.4°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	GE
2	Specific conductance	1,530	µS/cm	GE
2	Aluminum	69,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	5.0	µg/L	GE
0	Barium	810	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
1	Cadmium	9.7	µg/L	GE
0	Calcium	4,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,960	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	8.0	µg/L	GE
2	Cobalt	240	µg/L	GE
0	Copper	110	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL FSB112D collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	410	µg/L	QE
2	Iron	870	µg/L	QE
2	Lead	31	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	3,100	µg/L	QE
2	Manganese	4,900	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
2	Nickel	110	µg/L	QE
2	Nitrate as nitrogen	210,000	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	1,300	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	9,300	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	100,000	µg/L	QE
0	Sulfate	11,100	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Thallium	< 2.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	< 1,000	µg/L	QE
0	Total organic carbon	2,000	µg/L	QE
0	Total organic halogens	< 5.0	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	Toxaphene	< 0.24	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Uranium	< 1,000	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Zinc	370	µg/L	QE
2	Gross alpha	3.3E-08 ± 3.3E-08	µCi/mL	QE
2	Nonvolatile beta	4.1E-08 ± 1.0E-07	µCi/mL	QE
0	Total activity	8.2E-03 ± 8.6E-05	µCi/mL	EM
2	Total radium	1.8E-07 ± 1.5E-08	µCi/mL	QE
2	Tritium	8.0E-03 ± 1.2E-05	µCi/mL	QE

WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 15:10
Depth to water: 65.21 ft (19.88 m) below TOC — pH: 11.8
Water elevation: 157.99 ft (48.16 m) msl — Alkalinity: 341 mg/L
Sp. conductance: 1457 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 204 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	QE
2	Specific conductance	1,380	µS/cm	QE
2	Aluminum	6,300	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	130	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	120,000	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	1,330	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	8.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	< 4.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	280	µg/L	QE
0	Iron	4.7	µg/L	QE
0	Lead	< 3.0	µg/L	QE

WELL FSB113A collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	65	µg/L	QE
1	Manganese	20	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nitrate as nitrogen	520	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	24,000	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	2,800	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	17,000	µg/L	QE
0	Sulfate	13,400	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Thallium	< 2.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	317,000	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
0	Total organic halogens	< 5.0	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	Toxaphene	< 0.24	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Uranium	< 1,000	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Zinc	4.1	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	1.4E-08 ± 2.0E-08	µCi/mL	QE
1	Total radium	3.2E-09 ± 3.8E-09	µCi/mL	QE
2	Tritium	3.8E-05 ± 9.0E-07	µCi/mL	QE

WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 13:05
Depth to water: 19.69 ft (6.00 m) below TOC — pH: 11.8
Water elevation: 203.21 ft (61.94 m) msl — Alkalinity: 315 mg/L
Sp. conductance: 1315 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 33 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	QE
2	Specific conductance	900	µS/cm	QE
2	Aluminum	830	µg/L	QE
1	Antimony	3.1	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	300	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	120,000	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	1,760	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	< 4.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	170	µg/L	QE
0	Iron	< 4.0	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	99	µg/L	QE
0	Manganese	3.7	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nitrate as nitrogen	1,820	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	3,600	µg/L	QE

ANALYTICAL RESULTS

WELL FSB113C collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	2,600	µg/L	GE
0	Silver	2.8	µg/L	GE
0	Sodium	13,000	µg/L	GE
0	Sulfate	11,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	217,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	2.7E-08 ± 2.1E-08	µCi/mL	GE
0	Total radium	1.8E-08 ± 2.0E-09	µCi/mL	GE
2	Tritium	3.9E-05 ± 9.0E-07	µCi/mL	GE

WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 14.32 ft (4.36 m) below TOC
Water elevation: 208.16 ft (63.45 m) msl
Sp. conductance: 288 µS/cm
Water evacuated before sampling: 80 gal

Time: 13:40
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,650	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.7	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	730	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE

WELL FSB113D collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.7E-09 ± 3.2E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 8.0E-07	µCi/mL	GE

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 90.68 ft (29.47 m) below TOC
Water elevation: 155.32 ft (47.34 m) msl
Sp. conductance: 180 µS/cm
Water evacuated before sampling: 190 gal

Time: 17:00
pH: 9.5
Alkalinity: 102 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.1	pH	GE
0	Specific conductance	130	µS/cm	GE
2	Aluminum	310	µg/L	GE
1	Antimony	4.3	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	58	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,890	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	48	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	850	µg/L	GE
0	Manganese	5.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	12,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,100	µg/L	GE
0	Sulfate	1,710	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	101,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL FSB114A collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	21	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 3.0E-07	µCi/mL	GE

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 17:15
Depth to water: 39.65 ft (12.09 m) below TOC — pH: 6.2
Water elevation: 212.55 ft (64.79 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 82 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 184 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.3	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 100	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	5,530	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	4.5	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	15	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	550	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,080	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	830	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,600	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,600	µg/L	GE
0	Sulfate	1,450	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	42,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	20	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09 ± 2.0E-09	µCi/mL	GE

WELL FSB114C collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	4.7E-06 ± 3.0E-07	µCi/mL	GE

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 17:50
Depth to water: 35.67 ft (10.87 m) below TOC — pH: 4.9
Water elevation: 216.53 ft (66.00 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Aluminum	23	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	900	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,560	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	6.8	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	560	µg/L	GE
1	Manganese	39	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	4.8	µg/L	GE
0	Nitrate as nitrogen	2,290	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	7,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
1	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	25	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
1	Tritium	1.8E-07 ± 5.4E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 0... 12/91 — Time: 11:15
Depth to water: 22.91 ft (6.98 m) below TOC — pH: 6.7
Water elevation: 184.89 ft (56.36 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,110	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	47	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	580	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sulfate	3,880	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	31	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 12:05
Depth to water: 15.80 ft (4.82 m) below TOC — pH: 5.2
Water elevation: 192.70 ft (58.74 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 14 µS/cm — Water temperature: 17.6°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	11	µS/cm	GE
2	Aluminum	810	µg/L	GE
2	Aluminum	3,380	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,340	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	620	µg/L	GE
2	Iron	2,870	µg/L	GE
0	Lead	4.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	470	µg/L	GE
2	Manganese	96	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	6.6	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	28	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 13:45
Depth to water: 12.80 ft (3.90 m) below TOC — pH: 5.3
Water elevation: 189.70 ft (57.82 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 78 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	2.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	460	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.5	µg/L	GE
0	Nitrate as nitrogen	1,190	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	1,110	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	4.0	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.6	µg/L	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-08	µCi/mL	GE
0	Total radium	<1.0E-08	µCi/mL	GE
1	Tritium	2.0E-05 ± 7.0E-07	µCi/mL	GE

WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 17:15
Depth to water: 10.60 ft (3.23 m) below TOC — pH: 5.3
Water elevation: 192.30 ft (58.61 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 3 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	950	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,740	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	39	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	550	µg/L	GE
0	Manganese	22	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	15	µg/L	GE
0	Nitrate as nitrogen	370	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	2,630	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	45	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 — Time: 10:20
Depth to water: 25.08 ft (7.64 m) below TOC — pH: 3.5
Water elevation: 205.62 ft (62.67 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1031 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	GE
2	Specific conductance	820	µS/cm	GE
2	Aluminum	32,300	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	193	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	3.1	µg/L	GE
0	Calcium	2,070	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,450	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	10	µg/L	GE
0	Copper	19	µg/L	GE
0	Cyanide	8.5	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	1,140	µg/L	GE
1	Iron	263	µg/L	GE
0	Lead	5.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,080	µg/L	GE
2	Manganese	750	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	11	µg/L	GE
2	Nitrate as nitrogen	122,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	25,000	µg/L	GE
0	Sulfate	3,560	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	352,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	41	µg/L	GE
2	Gross alpha	3.6E-07 ± 3.6E-08	µCi/mL	GE
2	Nonvolatile beta	1.5E-06 ± 6.4E-08	µCi/mL	GE
0	Total activity	7.0E-03 ± 5.3E-05	µCi/mL	EM
0	Total activity	8.2E-03 ± 5.8E-05	µCi/mL	EM
2	Total radium	8.3E-06 ± 1.1E-08	µCi/mL	GE
2	Tritium	6.9E-03 ± 1.5E-05	µCi/mL	GE

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 — Time: 10:20
Depth to water: 25.08 ft (7.64 m) below TOC — pH: 3.5
Water elevation: 205.62 ft (62.67 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1031 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	GE
2	Specific conductance	820	µS/cm	GE
2	Aluminum	33,800	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	201	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	3.0	µg/L	GE
0	Calcium	2,010	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	11	µg/L	GE
0	Copper	20	µg/L	GE
0	Cyanide	8.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	1,140	µg/L	GE
2	Iron	309	µg/L	GE
0	Lead	5.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,040	µg/L	GE
2	Manganese	786	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	15	µg/L	GE
2	Nitrate as nitrogen	121,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	25,800	µg/L	GE
0	Sulfate	4,630	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	406,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	16	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	58	µg/L	GE
2	Gross alpha	3.6E-07 ± 3.5E-08	µCi/mL	GE
2	Nonvolatile beta	1.4E-06 ± 6.4E-08	µCi/mL	GE
2	Total radium	7.2E-08 ± 9.8E-09	µCi/mL	GE
2	Tritium	9.7E-03 ± 1.4E-05	µCi/mL	GE

WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/81 — Time: 14:50
Depth to water: 31.30 ft (9.54 m) below TOC — pH: 8.1
Water elevation: 212.00 ft (64.62 m) msl — Alkalinity: 31 mg/L
Sp. conductance: 69 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	78	µS/cm	GE
0	Aluminum	20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	110	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,600	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	ug/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	470	µg/L	GE
0	Manganese	21	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,290	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	560	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	65,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
1	Trichlorofluoromethane	9.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	3.0E-09 ± 3.2E-09	µCi/mL	GE
1	Tritium	1.8E-05 ± 6.0E-07	µCi/mL	GE

WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/81 — Time: 11:50
Depth to water: 45.26 ft (13.80 m) below TOC — pH: 3.5
Water elevation: 208.84 ft (63.66 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1628 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
2	Specific conductance	1,490	µS/cm	GE
2	Aluminum	52,800	µg/L	GE
2	Antimony	5.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	232	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
1	Cadmium	7.8	µg/L	GE
0	Calcium	5,550	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,350	µg/L	GE
0	Chloride	8,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Cobalt	30	µg/L	GE
0	Copper	44	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	1,600	µg/L	GE
0	Fluoride	1,660	µg/L	GE
2	Iron	448	µg/L	GE
1	Lead	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	4,270	µg/L	GE
2	Manganese	1,260	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	27	µg/L	GE
2	Nitrate as nitrogen	206,000	µg/L	GE
2	Nitrate as nitrogen	194,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	594	µg/L	GE
0	Selenium	2.1	µg/L	GE
0	Silica	17,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	48,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	2,570	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	739,000	µg/L	GE
0	Total dissolved solids	724,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	126	µg/L	GE
2	Gross alpha	4.2E-07 ± 4.4E-08	µCi/mL	GE
2	Nonvolatile beta	2.9E-06 ± 8.6E-08	µCi/mL	GE
0	Total activity	1.3E-02 ± 7.3E-05	µCi/mL	EM
2	Total radium	1.1E-07 ± 1.2E-08	µCi/mL	GE
2	Tritium	1.9E-02 ± 2.1E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 16:35
Depth to water: 131.75 ft (40.16 m) below TOC — pH: 11.2
Water elevation: 148.35 ft (45.22 m) msl — Alkalinity: 157 mg/L
Sp. conductance: 482 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 131 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	428	µS/cm	GE
2	Aluminum	2,400	µg/L	GE
1	Antimony	3.8	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	68	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	47,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,090	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	150	µg/L	GE
0	Iron	5.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	120	µg/L	GE
0	Manganese	9.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	4,340	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	8,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,400	µg/L	GE
0	Sulfate	1,260	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	90,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.060	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-06	µCi/mL	GE

WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 — Time: 13:30
Depth to water: 74.27 ft (22.64 m) below TOC — pH: 6.0
Water elevation: 205.43 ft (62.62 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 438 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 145 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	6.8	pH	GE
1	Specific conductance	510	µS/cm	GE
0	Aluminum	74	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	133	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,510	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	11	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	12,000	µg/L	GE
2	Manganese	230	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	11	µg/L	GE
2	Nitrate as nitrogen	42,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	42,000	µg/L	GE
0	Sulfate	4,730	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	402,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.060	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	36	µg/L	GE
1	Gross alpha	8.9E-09 ± 1.6E-08	µCi/mL	GE
2	Nonvolatile beta	5.6E-08 ± 4.5E-08	µCi/mL	GE
0	Total activity	1.5E-03 ± 2.8E-06	µCi/mL	EM
2	Total radium	5.5E-09 ± 3.6E-09	µCi/mL	GE
2	Tritium	2.2E-03 ± 0.6E-06	µCi/mL	GE

WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 15:45
Depth to water: 72.05 ft (21.96 m) below TOC — pH: 7.8
Water elevation: 208.45 ft (63.54 m) msl — Alkalinity: 78 mg/L
Sp. conductance: 172 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	183	µS/cm	GE
0	Aluminum	57	µg/L	GE
1	Antimony	3.2	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,950	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.8	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	750	µg/L	GE
0	Manganese	3.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	4,070	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	18,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	29,000	µg/L	GE
0	Sulfate	5,390	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	117,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1.000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 1.1E-06	µCi/mL	GE

WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 — Time: 15:10
Depth to water: 52.49 ft (16.00 m) below TOC — pH: 5.7
Water elevation: 204.01 ft (62.18 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 147 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	980	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	410	µg/L	GE
1	Manganese	25	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	460	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	910	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	49,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	36	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1.000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	16	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	6.6E-05 ± 1.2E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 Time: 16:20
Depth to water: 17.70 ft (5.40 m) below TOC pH: 4.7
Water elevation: 200.30 ft (61.05 m) msl Alkalinity: 1 mg/L
Sp. conductance: 659 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 107 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
2	Specific conductance	760	µS/cm	GE
2	Aluminum	750	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	172	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	35,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,380	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	15	µg/L	GE
0	Copper	13	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	260	µg/L	GE
0	Iron	9.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	17,500	µg/L	GE
2	Manganese	258	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	18	µg/L	GE
2	Nitrate as nitrogen	122,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	63,500	µg/L	GE
0	Sulfate	1,25 J	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	504,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	140	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.990	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	144	µg/L	GE
0	Gross alpha	6.4E-09 ± 7.5E-09	µCi/ml	GE
2	Nonvolatile beta	8.5E-08 ± 1.7E-08	µCi/ml	GE
0	Total activity	2.2E-03 ± 3.1E-05	µCi/ml	EM
2	Total radium	3.4E-08 ± 7.2E-09	µCi/ml	GE
2	Tritium	2.3E-03 ± 6.8E-06	µCi/ml	GE

WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 Time: 17:25
Depth to water: 13.41 ft (4.09 m) below TOC pH: 5.3
Water elevation: 204.19 ft (62.24 m) msl Alkalinity: 1 mg/L
Sp. conductance: 51 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	98	µS/cm	GE
0	Aluminum	20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,870	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	2.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,400	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	7,660	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	93,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	27	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.990	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	20	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/ml	GE
1	Nonvolatile beta	2.5E-08 ± 4.7E-09	µCi/ml	GE
0	Total activity	2.8E-04 ± 3.5E-06	µCi/ml	EM
0	Total radium	<1.0E-09	µCi/ml	GE
2	Tritium	7.3E-04 ± 3.5E-06	µCi/ml	GE

WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 10:30
Depth to water: 28.04 ft (8.55 m) below TOC — pH: 5.9
Water elevation: 210.08 ft (64.03 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 64 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 146 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	6.4	pH	GE
0	Specific conductance	76	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	58	µg/L	GE
0	Barium	60	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,300	µg/L	GE
0	Calcium	9,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,940	µg/L	GE
0	Chloride	3,880	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	700	µg/L	GE
0	Magnesium	720	µg/L	GE
0	Manganese	17	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL FSB123C collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,380	µg/L	GE
0	Nitrate as nitrogen	3,810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	720	µg/L	GE
0	Potassium	770	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sodium	4,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	44,000	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	180	µg/L	GE
0	Total phosphates (as P)	180	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	27	µg/L	GE
0	Zinc	27	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.7E-08 ± 4.0E-07	µCi/mL	GE
0	Tritium	4.3E-08 ± 3.0E-07	µCi/mL	GE

WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 10:55
Depth to water: 25.85 ft (7.82 m) below TOC — pH: 4.9
Water elevation: 212.45 ft (64.78 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Aluminum	48	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	680	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE

ANALYTICAL RESULTS

WELL FSB123D collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	86	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	710	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,110	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	22	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.8E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 8:15
Depth to water: 42.15 ft (12.85 m) below TOC — pH: 7.4
Water elevation: 223.85 ft (68.23 m) msl — Alkalinity: 87 mg/L
Sp. conductance: 165 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.1	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	21,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,580	µg/L	GE
0	Chloride	2,660	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.5	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE

WELL FSS 1D collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	286	µg/L	GE
1	Iron	283	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	403	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	6.3	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Nitrate as nitrogen	300	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	587	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,070	µg/L	GE
0	Sulfate	1,830	µg/L	GE
0	Sulfate	1,840	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	94,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	95	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 8:30
Depth to water: 38.05 ft (11.60 m) below TOC — pH: 4.8
Water elevation: 223.55 ft (68.14 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 119 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,880	µg/L	GE
0	Calcium	3,660	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,360	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	8.4	µg/L	GE
0	Copper	8.5	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.3	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	3,680	µg/L	GE
2	Iron	3,660	µg/L	GE
2	Iron	3,660	µg/L	GE
1	Lead	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

WELL FSS 2D collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	1,970	µg/L	GE
0	Magnesium	1,970	µg/L	GE
2	Manganese	330	µg/L	GE
2	Manganese	328	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	11	µg/L	GE
0	Nickel	11	µg/L	GE
0	Nitrate as nitrogen	930	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,130	µg/L	GE
0	Potassium	1,150	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,380	µg/L	GE
0	Silica	3,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,920	µg/L	GE
0	Sodium	8,940	µg/L	GE
0	Sulfate	38,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	71,000	µg/L	GE
0	Total dissolved solids	71,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	2.5E-09 ± 2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 3.4E-09	µCi/mL	GE
0	Total activity	2.1E-04 ± 3.2E-06	µCi/mL	EM
1	Total radium	3.1E-09 ± 3.1E-09	µCi/mL	GE
2	Tritium	2.8E-04 ± 2.4E-06	µCi/mL	GE
2	Tritium	2.8E-04 ± 2.4E-06	µCi/mL	GE

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sa[illegible] e date: 05/03/91 — Time: 8:45
De[illegible] to water: 36.80 ft (11.22 m) below TOC — pH: 5.0
Water elevation: 221.40 ft (67.48 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 54 µS/cm — Water temperature: [illegible]
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	950	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	19	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.1	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	20	µg/L	GE
2	Lead	66	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	661	µg/L	GE
2	Manganese	120	µg/L	GE

WELL FSS 3D collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.8	µg/L	GE
0	Nitrate as nitrogen	400	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	778	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,160	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,810	µg/L	GE
0	Sulfate	16,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.0E-05 ± 8.0E-07	µCi/mL	GE

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 9:00
Depth to water: 73.65 ft (22.45 m) below TOC — pH: 4.7
Water elevation: 218.15 ft (66.49 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,160	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,360	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	12	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	7.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	770	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,280	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,230	µg/L	GE
0	Sulfate	1,270	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	GE
0	Toluene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL FSS 4D collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
1	Trichloroethylene	2.8	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 2.9E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	7.3E-06 ± 4.0E-07	µCi/mL	GE

WELL FTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 9:30
The well was dry.

WELL FTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 9:25
Depth to water: 58.20 ft (17.74 m) below TOC
Water elevation: 223.10 ft (68.00 m) msl
The well pumped dry before all field parameters were collected.

WELL FTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 8:35
Depth to water: 58.50 ft (17.83 m) below TOC pH: 6.6
Water elevation: 221.50 ft (67.51 m) msl
Sp. conductance: 148 µS/cm Water temperature: 28.4°C
No water was evacuated before sampling.

WELL FTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 9:50
Depth to water: 58.40 ft (17.19 m) below TOC pH: 6.7
Water elevation: 222.10 ft (67.70 m) msl
Sp. conductance: 98 µS/cm Water temperature: 5.6°C
No water was evacuated before sampling

WELL FTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 10:00
Depth to water: 54.50 ft (16.61 m) below TOC pH: 7.7
Water elevation: 222.80 ft (67.91 m) msl
Sp. conductance: 228 µS/cm Water temperature: 26.0°C
No water was evacuated before sampling

WELL FTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 10:10
Depth to water: 58.50 ft (17.83 m) below TOC pH: 7.6
Water elevation: 219.50 ft (66.90 m) msl
Sp. conductance: 316 µS/cm Water temperature: 30.8°C
No water was evacuated before sampling

WELL FTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 10:15
Depth to water: 58.20 ft (17.74 m) below TOC pH: 8.8
Water elevation: 221.80 ft (67.61 m) msl
Sp. conductance: 59 µS/cm Water temperature: 38.8°C
No water was evacuated before sampling

WELL FTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 10:20
The well was dry.

WELL FTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 10:25
The well was dry.

WELL FTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 11:00
The well was dry.

WELL FTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 10:35
The well was dry.

WELL FTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 10:30
Depth to water: 44.80 ft (13.66 m) below TOC pH: 11.7
Water elevation: 226.90 ft (69.16 m) msl
Sp. conductance: 1520 µS/cm Water temperature: 20.9°C
No water was evacuated before sampling.

WELL FTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 13:20
Depth to water: 63.50 ft (19.36 m) below TOC pH: 10.8
Water elevation: 222.30 ft (67.76 m) msl
Sp. conductance: 417 µS/cm Water temperature: 25.5°C
No water was evacuated before sampling

WELL FTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 14:30
The well was dry

WELL FTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 12:25
Depth to water: 63.50 ft (19.36 m) below TOC — pH: 5.8
Water elevation: 223.00 ft (67.97 m) msl
Sp. conductance: 52 µS/cm — Water temperature: 24.8°C
No water was evacuated before sampling.

WELL FTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 12:35
Depth to water: 66.20 ft (20.18 m) below TOC — pH: 5.8
Water elevation: 222.40 ft (67.79 m) msl
Sp. conductance: 47 µS/cm — Water temperature: 26.3°C
No water was evacuated before sampling.

WELL FTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 12:45
Depth to water: 66.50 ft (20.66 m) below TOC — pH: 6.0
Water elevation: 221.10 ft (67.39 m) msl
Sp. conductance: 55 µS/cm — Water temperature: 24.6°C
No water was evacuated before sampling.

WELL FTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 12:50
Depth to water: 66.50 ft (20.27 m) below TOC — pH: 6.1
Water elevation: 221.50 ft (67.51 m) msl
Sp. conductance: 51 µS/cm — Water temperature: 24.2°C
No water was evacuated before sampling.

WELL FTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 13:00
Depth to water: 66.20 ft (20.18 m) below TOC — pH: 5.8
Water elevation: 221.00 ft (67.36 m) msl
Sp. conductance: 50 µS/cm — Water temperature: 30.1°C
No water was evacuated before sampling.

WELL FTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 13:10
Depth to water: 66.80 ft (20.36 m) below TOC — pH: 5.9
Water elevation: 220.30 ft (67.15 m) msl
Sp. conductance: 55 µS/cm — Water temperature: 30.1°C
No water was evacuated before sampling.

WELL FTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 14:00
Depth to water: 65.80 ft (20.06 m) below TOC — pH: 12.0
Water elevation: 221.70 ft (67.57 m) msl
Sp. conductance: 4710 µS/cm — Water temperature: 29.1°C
No water was evacuated before sampling.

WELL FTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 13:40
Depth to water: 66.80 ft (20.36 m) below TOC — pH: 6.1
Water elevation: 220.00 ft (67.06 m) msl
Sp. conductance: 61 µS/cm — Water temperature: 26.2°C
No water was evacuated before sampling.

WELL FTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 13:30
Depth to water: 65.50 ft (19.96 m) below TOC — pH: 6.0
Water elevation: 220.50 ft (67.21 m) msl
Sp. conductance: 72 µS/cm — Water temperature: 28.1°C
No water was evacuated before sampling.

WELL FTF 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 10:40
Depth to water: 49.80 ft (15.18 m) below TOC — pH: 6.7
Water elevation: 220.50 ft (67.21 m) msl
Sp. conductance: 133 µS/cm — Water temperature: 23.8°C
No water was evacuated before sampling.

WELL FTF 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 10:55
Depth to water: 50.00 ft (15.24 m) below TOC — pH: 6.7
Water elevation: 221.20 ft (67.42 m) msl
Sp. conductance: 149 µS/cm — Water temperature: 26.5°C
No water was evacuated before sampling.

WELL FTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 10:50
Depth to water: 50.00 ft (15.24 m) below TOC — pH: 5.8
Water elevation: 220.90 ft (67.33 m) msl
Sp. conductance: 162 µS/cm — Water temperature: 25.4°C
No water was evacuated before sampling.

WELL FTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 10:45
Depth to water: 49.80 ft (15.18 m) below TOC — pH: 7.3
Water elevation: 220.70 ft (67.27 m) msl
Sp. conductance: 115 µS/cm — Water temperature: 24.8°C
No water was evacuated before sampling.

WELL GBW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/91 — Time: 15:10
Depth to water: 75.86 ft (23.12 m) below TOC — pH: 5.0
Water elevation: 257.74 ft (78.56 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 14 gal

ANALYTICAL RESULTS

WELL H 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 10:10
Depth to water: 17.50 ft (5.33 m) below TOC — pH: 6.0
Sp. conductance: 129 µS/cm — Water temperature: 19.3°C
No water was evacuated before sampling.

WELL H 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 10:20
Depth to water: 15.30 ft (4.66 m) below TOC — pH: 5.6
Water elevation: 224.80 ft (68.52 m) msl
Sp. conductance: 20 µS/cm — Water temperature: 18.9°C
No water was evacuated before sampling.

WELL H 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 10:35
Depth to water: 14.20 ft (4.33 m) below TOC — pH: 4.9
Water elevation: 227.30 ft (69.28 m) msl
Sp. conductance: 29 µS/cm — Water temperature: 18.9°C
No water was evacuated before sampling.

WELL H 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 10:30
Depth to water: 10.50 ft (3.20 m) below TOC — pH: 4.8
Water elevation: 232.80 ft (70.98 m) msl
Sp. conductance: 24 µS/cm — Water temperature: 19.0°C
No water was evacuated before sampling.

WELL H 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 10:50
Depth to water: 14.20 ft (4.33 m) below TOC — pH: 5.6
Sp. conductance: 40 µS/cm — Water temperature: 19.7°C
No water was evacuated before sampling.

WELL H 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 11:00
Depth to water: 22.50 ft (6.86 m) below TOC — pH: 7.0
Water elevation: 224.10 ft (68.31 m) msl
Sp. conductance: 19 µS/cm — Water temperature: 19.6°C
No water was evacuated before sampling.

WELL HAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/91 — Time: 10:20
Depth to water: 28.25 ft (8.61 m) below TOC — pH: 5.2
Water elevation: 270.15 ft (82.34 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 184 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	190	µS/cm	GE
0	Turbidity	1.6	NTU	GE

WELL HAC 1 collected on 05/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	266	µg/L	GE
0	Chloride	5,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	185	µg/L	GE
1	Lead	9.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	147	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	0.51	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,190	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	25,300	µg/L	GE
0	Sulfate	60,000	µg/L	GE
0	Total dissolved solids	114,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
1	Total organic halogens	40	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.8E-05 ± 1.1E-06	µCi/mL	GE

WELL HAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 13:40
Depth to water: 28.16 ft (8.89 m) below TOC — pH: 5.6
Water elevation: 268.94 ft (81.97 m) msl — Alkalinity: 22 mg/L
Sp. conductance: 312 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
1	Specific conductance	350	µS/cm	GE
0	Turbidity	8.1	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<10	µg/L	GE
0	Bromoform	<10	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	350	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	3,350	µg/L	GE
0	para-Chloro meta-cresol	<50	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE

WELL HAC 2 collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iron	120	µg/L	GE
2	Iron	2,100	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	3.7	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	330	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	680	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	84,000	µg/L	GE
0	Sulfate	145,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	255,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE

WELL HAC 2 collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.1E-05 ± 1.0E-08	µCi/mL	GE

WELL HAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 29.16 ft (8.89 m) below TOC
Water elevation: 268.94 ft (81.97 m) msl
Sp. conductance: 312 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.
Unfiltered sample.

Time: 13:40
pH: 5.6
Alkalinity: 22 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	320	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Iron	2,300	µg/L	GE
1	Lead	9.7	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	84,000	µg/L	GE

WELL HAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/91
Depth to water: 28.02 ft (8.54 m) below TOC
Water elevation: 269.98 ft (82.29 m) msl
Sp. conductance: 326 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 14:40
pH: 5.6
Alkalinity: 19 mg/L
Water temperature: 26.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
1	Specific conductance	300	µS/cm	GE
0	Turbidity	5.7	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,340	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	170	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	843	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	0.51	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	972	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,420	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	58,400	µg/L	GE
0	Total dissolved solids	181,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	57	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL HAC 3 collected on 05/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tritium	5.2E-05 ± 9.0E-07	µCi/mL	GE

WELL HAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/91
Depth to water: 26.43 ft (8.06 m) below TOC
Water elevation: 270.47 ft (82.44 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 43 gal
Time: 14:10
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 24.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	pH	5.2	pH	GE
0	pH	5.2	pH	GE
0	pH	5.2	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	0.40	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	118	µg/L	GE
0	Chloride	4,650	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	35	µg/L	GE
0	Lead	5.5	µg/L	GE
0	Lead	5.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	291	µg/L	GE
1	Manganese	37	µg/L	GE
0	Mercury	0.46	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	18,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,330	µg/L	GE
0	Sulfate	7,500	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total organic halogens	23	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.5E-05 ± 9.0E-07	µCi/mL	GE

WELL HAP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91
Depth to water: 16.97 ft (5.17 m) below TOC
Water elevation: 272.13 ft (82.95 m) msl
Sp. conductance: 235 µS/cm
Water evacuated before sampling: 42 gal
Time: 10:50
pH: 6.3
Alkalinity: 80 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE

WELL HAP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91
Depth to water: 18.55 ft (5.65 m) below TOC
Water elevation: 271.35 ft (82.71 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 72 gal
Time: 10:30
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE

WELL HCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/91
Depth to water: 39.89 ft (12.16 m) below TOC
Water elevation: 270.11 ft (82.33 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.
Time: 11:20
pH: 5.4
Alkalinity: 4 mg/L
Water temperature: 25.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	6.2E-05 ± 1.1E-06	µCi/mL	GE

WELL HCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/91
Depth to water: 38.42 ft (12.02 m) below TOC
Water elevation: 271.38 ft (82.72 m) msl
Sp. conductance: 198 µS/cm
Water evacuated before sampling: 77 gal
Time: 10:55
pH: 6.1
Alkalinity: 25 mg/L
Water temperature: 26.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,380	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.9E-09 ± 3.2E-09	µCi/mL	GE
1	Total radium	3.3E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	4.1E-05 ± 9.0E-07	µCi/mL	GE

WELL HCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/91
Depth to water: 40.62 ft (12.38 m) below TOC
Water elevation: 269.68 ft (82.20 m) msl
Sp. conductance: 97 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging
Time: 11:35
pH: 6.2
Alkalinity: 30 mg/L
Water temperature: 24.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	160	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	3.0E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	9.9E-05 ± 1.1E-06	µCi/mL	GE

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/28/91 — Time: 11:05
Depth to water: 40.61 ft (12.38 m) below TOC — pH: 6.1
Water elevation: 270.09 ft (82.32 m) msl — Alkalinity: 25 mg/L
Sp. conductance: 95 µS/cm — Water temperature: 24.5°C
Water evacuated before sampling: 19 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,200	µg/L	GE
0	Nitrate as nitrogen	1,200	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.2E-05 ± 1.1E-08	µCi/mL	GE

WELL HCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 15:50
Depth to water: 15.11 ft (4.61 m) below TOC — pH: 4.5
Water elevation: 264.19 ft (80.53 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 215 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 109 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE

WELL HCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 16:10
Depth to water: 12.66 ft (3.86 m) below TOC — pH: 3.3
Water elevation: 269.04 ft (82.00 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 920 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE

WELL HCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 16:35
Depth to water: 8.04 ft (2.45 m) below TOC — pH: 4.1
Water elevation: 267.36 ft (81.49 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 89 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE

WELL HCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 15:25
Depth to water: 12.04 ft (3.67 m) below TOC — pH: 3.8
Water elevation: 265.76 ft (81.00 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 459 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 97 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Xylenes	<1.0	µg/L	GE

WELL HET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 9:45
Depth to water: 12.31 ft (3.75 m) below TOC — pH: 4.6
Water elevation: 269.89 ft (82.26 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

WELL HET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 9:35
Depth to water: 16.02 ft (4.88 m) below TOC — pH: 4.8
Water elevation: 260.88 ft (79.52 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

WELL HET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 9:30
Depth to water: 15.31 ft (4.67 m) below TOC — pH: 4.5
Water elevation: 261.39 ft (79.67 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

WELL HET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 9:20
Depth to water: 15.49 ft (4.72 m) below TOC — pH: 4.7
Water elevation: 261.21 ft (79.62 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 16 gal
The well went dry during purging.

WELL HMD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 10:40
Depth to water: 53.67 ft (16.36 m) below TOC — pH: 6.0
Water elevation: 210.83 ft (64.26 m) msl — Alkalinity: 33 mg/L
Sp. conductance: 116 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	101	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL HMD 1D collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	2,090	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,380	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	111	µg/L	GE
0	Iron	107	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	348	µg/L	GE
2	Manganese	100	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,530	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,150	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19,200	µg/L	GE
0	Sulfate	13,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	68,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total phosphates (as P)	84	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	1.7	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	1.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.6E-09	µCi/mL	GE
0	Total activity	4.8E-06 ± 1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	5.1E-06 ± 4.0E-07	µCi/mL	GE

WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 58.12 ft (17.72 m) below TOC
Water elevation: 202.98 ft (61.87 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 34 gal

Time: 13:00
pH: 5.7
Alkalinity: 15 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	369	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,750	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.5	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL HMD 2D collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	6.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	86	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,470	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14,400	µg/L	GE
0	Sulfate	12,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	44,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	Total phosphates (as P)	59	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.6E-09	µCi/mL	GE
0	Total activity	5.2E-08 ± 1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.4E-08 ± 4.0E-07	µCi/mL	GE

WELL HMD 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 57.00 ft (17.37 m) below TOC
Water elevation: 202.50 ft (61.72 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 40 gal

Time: 12:30
pH: 5.2
Alkalinity: 4 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,270	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,970	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.4	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	468	µg/L	GE
2	Manganese	59	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	620	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL HMD 3D collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Potassium	675	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,440	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,260	µg/L	GE
0	Sulfate	6,430	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	42	µg/L	GE
0	Total phosphates (as P)	79	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
2	Trichlorofluoromethane	19	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	6.3E-06 ± 1.0E-06	µCi/mL	EM
0	Total radium	1.1E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	7.4E-06 ± 4.0E-07	µCi/mL	GE

WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91
Depth to water: 48.45 ft (14.77 m) below TOC
Water elevation: 202.45 ft (61.71 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 9:00
pH: 5.3
Alkalinity: 14 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	49	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,580	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	221	µg/L	GE
1	Iron	220	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	246	µg/L	GE
2	Manganese	51	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	569	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,920	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,230	µg/L	GE
0	Sulfate	2,430	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	48	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL HMD 4D collected on 05/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 2.8E-09	µCi/mL	GE
0	Total activity	5.1E-06 ± 1.0E-06	µCi/mL	EM
2	Total radium	5.0E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	7.1E-06 ± 4.0E-07	µCi/mL	GE

WELL HR3 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 8.74 ft (2.66 m) below TOC
Water elevation: 262.66 ft (80.06 m) msl
Sp. conductance: 46 µS/cm
Water evacuated before sampling: 163 gal

Time: 14:05
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 19.3°C

WELL HR3 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 14.64 ft (4.46 m) below TOC
Water elevation: 261.56 ft (79.72 m) msl
Sp. conductance: 90 µS/cm
Water evacuated before sampling: 148 gal

Time: 13:40
pH: 6.1
Alkalinity: 14 mg/L
Water temperature: 21.8°C

WELL HR8 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 11.16 ft (3.40 m) below TOC
Water elevation: 248.04 ft (75.60 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 105 gal

Time: 15:15
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.6°C

WELL HR8 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 16.81 ft (5.12 m) below TOC
Water elevation: 240.69 ft (73.36 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 90 gal

Time: 14:55
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 22.3°C

WELL HR8 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 13.32 ft (4.06 m) below TOC
Water elevation: 239.78 ft (73.09 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 100 gal

Time: 14:30
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 21.2°C

WELL HR8 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Inaccessibility or pump failure prevented sample collection.

Time: 8:40

WELL HSB 1TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Inaccessibility or pump failure prevented sample collection.

Time: 10:45

ANALYTICAL RESULTS

WELL HSB 1TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 11:45
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 900 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,050	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,020	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.8	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	535	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	351	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	511	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	12,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,060	µg/L	GE
0	Sulfate	5,160	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	80,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.6E-09 ± 3.8E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 13:25
Depth to water: 39.35 ft (11.99 m) below TOC — pH: 4.8
Water elevation: 232.65 ft (70.91 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 49 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	Specific conductance	21	µS/cm	GE

WELL HSB 65 collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Specific conductance	21	µS/cm	GE
0	Turbidity	0.80	NTU	GE
0	Turbidity	0.80	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	61	µg/L	GE
0	Aluminum	51	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Barium	7.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	740	µg/L	GE
0	Calcium	690	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,990	µg/L	GE
0	Chloride	3,020	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	70	µg/L	GE
0	Copper	65	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Iron	11	µg/L	GE
2	Lead	16	µg/L	GE
2	Lead	15	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	960	µg/L	GE
0	Magnesium	930	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,380	µg/L	GE
0	Nitrate as nitrogen	2,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL HSB 65 collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	6,000	µg/L	GE
0	Silica	5,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,100	µg/L	GE
0	Sodium	5,000	µg/L	GE
0	Sulfate	1,480	µg/L	GE
0	Sulfate	1,620	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total dissolved solids	15,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	28	µg/L	GE
0	Total organic halogens	23	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	21	µg/L	GE
0	Zinc	23	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 3.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.6E-05 ± 1.1E-06	µCi/mL	GE
2	Tritium	5.5E-05 ± 1.1E-06	µCi/mL	GE

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 13:00
Depth to water: 102.61 ft (31.28 m) below TOC — pH: 7.3
Water elevation: 170.89 ft (52.12 m) msl — Alkalinity: 84 mg/L
Sp. conductance: 215 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 285 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	116	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	61	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.4	µg/L	GE
0	Barium	45	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	35,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,530	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.2	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE

WELL HSB 65A collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	770	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	24,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	5,510	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	120,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	9.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 3.6E-09	µCi/mL	GE
2	Tritium	4.2E-05 ± 9.0E-07	µCi/mL	GE

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 12:15
Depth to water: 48.77 ft (14.87 m) below TOC — pH: 7.7
Water elevation: 224.93 ft (68.56 m) msl — Alkalinity: 93 mg/L
Sp. conductance: 213 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 267 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
0	Specific conductance	118	µS/cm	GE
0	Turbidity	0.60	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	29	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	35,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,650	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB 65B collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	790	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	106,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1 1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	8.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 Time: 11:45
Depth to water: 40.88 ft (12.40 m) below TOC pH: 4.9
Water elevation: 232.92 ft (70.99 m) msl Alkalinity: 0 mg/L
Sp. conductance: 81 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	46	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,460	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.8	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	830	µg/L	GE

WELL HSB 65C collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Manganese	9.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,610	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	17	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.0E-05 ± 8.0E-07	µCi/mL	GE

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 Time: 10:40
Depth to water: 54.11 ft (16.49 m) below TOC pH: 4.8
Water elevation: 226.09 ft (68.91 m) msl Alkalinity: 1 mg/L
Sp. conductance: 36 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	55	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,460	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	23	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	4.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	6.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,290	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL HSB 66 collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	15	µg/L	GE
0	Gross alpha	2.3E-09 ± 2.8E-09	µCi/mL	GE
0	Nonvolatile beta	4.9E-09 ± 5.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 12.66 ft (3.87 m) below TOC
Water elevation: 225.11 ft (68.61 m) msl
Sp. conductance: 159 µS/cm
Water evacuated before sampling: 64 gal
Time: 10:10
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.3	pH	GE
0	Specific conductance	185	µS/cm	GE
2	Aluminum	810	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	920	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,920	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	21	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	970	µg/L	GE
2	Manganese	120	µg/L	GE
1	Mercury	1.7	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	182,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,000	µg/L	GE
0	Sulfate	14,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	87,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE

WELL HSB 67 collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Gross alpha	3.6E-09 ± 5.1E-09	µCi/mL	GE
2	Nonvolatile beta	7.8E-07 ± 2.3E-08	µCi/mL	GE
0	Total activity	4.1E-03 ± 4.4E-05	µCi/mL	EM
2	Total radium	1.5E-08 ± 5.0E-09	µCi/mL	GE
2	Tritium	3.6E-03 ± 8.4E-08	µCi/mL	GE

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 13.34 ft (4.07 m) below TOC
Water elevation: 224.46 ft (68.42 m) msl
Sp. conductance: 137 µS/cm
Water evacuated before sampling: 94 gal
Time: 12:45
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 18.7°C

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91
Depth to water: 26.98 ft (8.22 m) below TOC
Water elevation: 223.14 ft (68.01 m) msl
Sp. conductance: 327 µS/cm
Water evacuated before sampling: 26 gal
Time: 15:30
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	GE
1	Specific conductance	290	µS/cm	GE
2	Aluminum	4,600	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	90	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,160	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	7.9	µg/L	GE
0	Copper	120	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	310	µg/L	GE
0	Iron	43	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	890	µg/L	GE
2	Manganese	500	µg/L	GE
2	Mercury	2.2	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	17	µg/L	GE
2	Nitrate as nitrogen	29,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	7.5	µg/L	GE
0	Sodium	32,000	µg/L	GE
0	Sulfate	16,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB 68 collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	191,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	55	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	3.8E-08 ± 4.9E-08	µCi/mL	GE
0	Total activity	1.4E-02 ± 7.8E-05	µCi/mL	EM
2	Total radium	1.3E-07 ± 1.3E-08	µCi/mL	GE
2	Tritium	1.6E-02 ± 1.6E-05	µCi/mL	GE

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 16:25
Depth to water: 77.97 ft (23.77 m) below TOC — pH: 6.7
Water elevation: 171.43 ft (52.25 m) msl — Alkalinity: 48 mg/L
Sp. conductance: 158 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 327 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	pH	7.1	pH	GE
0	Specific conductance	104	µS/cm	GE
0	Specific conductance	108	µS/cm	GE
0	Aluminum	35	µg/L	GE
0	Aluminum	34	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Barium	25	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	22,000	µg/L	GE
0	Calcium	21,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,530	µg/L	GE
0	Chloride	2,460	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE

WELL HSB 68A collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	7.5	µg/L	GE
1	Lead	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Magnesium	520	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	23,000	µg/L	GE
0	Silica	22,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	5,820	µg/L	GE
0	Sulfate	5,780	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	105,000	µg/L	GE
0	Total dissolved solids	105,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	230	µg/L	GE
0	Total phosphates (as P)	210	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	2.1E-09 ± 2.4E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 4.6E-09	µCi/mL	GE
0	Nonvolatile beta	9.6E-09 ± 4.1E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 9:45
Depth to water: 32.05 ft (9.77 m) below TOC — pH: 7.5
Water elevation: 217.95 ft (66.43 m) msl — Alkalinity: 121 mg/L
Sp. conductance: 248 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 53 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	pH	7.8	pH	GE
0	Specific conductance	230	µS/cm	GE
0	Specific conductance	232	µS/cm	GE
0	Aluminum	28	µg/L	GE

WELL HSB 68B collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aluminum	32	µg/L	GE
1	Antimony	3.3	µg/L	GE
1	Antimony	4.2	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	45,000	µg/L	GE
0	Calcium	45,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,710	µg/L	GE
0	Chloride	2,830	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Enorin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Iron	9.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	810	µg/L	GE
0	Magnesium	810	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	240	µg/L	GE
0	Nitrate as nitrogen	240	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	19,000	µg/L	GE
0	Silica	19,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	1,740	µg/L	GE

WELL HSB 68B collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	1,730	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	139,000	µg/L	GE
0	Total dissolved solids	148,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	13	µg/L	GE
0	Zinc	13	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 3.8E-09	µCi/mL	GE
0	Nonvolatile beta	5.2E-09 ± 3.5E-09	µCi/mL	GE
1	Total radium	3.2E-09 ± 3.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.1E-05 ± 8.0E-07	µCi/mL	GE
2	Tritium	3.1E-05 ± 8.0E-07	µCi/mL	GE

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91
Depth to water: 31.32 ft (9.55 m) below TOC
Water elevation: 218.78 ft (66.68 m) msl
Sp. conductance: 116 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging.

Time: 10:00
pH: 5.8
Alkalinity: 5 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	90	µS/cm	GE
0	Specific conductance	90	µS/cm	GE
0	Aluminum	24	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,800	µg/L	GE
0	Calcium	4,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,520	µg/L	GE
0	Chloride	3,480	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB 68C collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Copper	180	µg/L	GE
0	Copper	180	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	190	µg/L	GE
1	Iron	210	µg/L	GE
1	Lead	11	µg/L	GE
1	Lead	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	970	µg/L	GE
0	Magnesium	1,000	µg/L	GE
1	Manganese	37	µg/L	GE
1	Manganese	41	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.1	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	10,300	µg/L	GE
1	Nitrate as nitrogen	9,490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	530	µg/L	GE
0	Potassium	570	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,000	µg/L	GE
0	Sodium	13,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	85,000	µg/L	GE
0	Total dissolved solids	88,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	120	µg/L	GE
0	Zinc	130	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.0E-09 ± 4.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 4.3E-09	µCi/mL	GE
0	Total activity	1.0E-03 ± 8.7E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.5E-03 ± 5.5E-06	µCi/mL	GE

WELL HSB 68C collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tritium	1.5E-03 ± 5.4E-06	µCi/mL	GE

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91
Depth to water: 15.37 ft (4.68 m) below TOC
Water elevation: 220.03 ft (67.25 m) msl
Sp. conductance: 273 µS/cm
Water evacuated before sampling: 57 gal

Time: 13:00
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	GE
0	Specific conductance	240	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
2	Aluminum	4,900	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	130	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichlorometnane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	2,810	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	15	µg/L	GE
0	Copper	13	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE

WELL HSB 69 collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	880	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iron	18	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,300	µg/L	GE
2	Manganese	870	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	29	µg/L	GE
2	Nitrate as nitrogen	20,900	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,600	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	20,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	109,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	75	µg/L	GE
0	Gross alpha	3.0E-09 ± 1.9E-08	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	3.5E-06 ± 4.5E-08	µCi/mL	GE
0	Total activity	2.8E-04 ± 1.4E-05	µCi/mL	EM
2	Total radium	1.1E-07 ± 1.2E-08	µCi/mL	GE
2	Tritium	3.1E-03 ± 7.9E-06	µCi/mL	GE

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 15.92 ft (4.85 m) below TOC
Water elevation: 220.08 ft (67.08 m) msl
Sp. conductance: 253 µS/cm
Water evacuated before sampling: 55 gal

Time: 11:45
pH: 3.6
Alkalinity: 0 mg/L
Water temperature: 18.7°C

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91
Depth to water: 64.87 ft (19.77 m) below TOC
Water elevation: 171.73 ft (52.34 m) msl
Sp. conductance: 196 µS/cm
Water evacuated before sampling: 233 gal

Time: 9:10
pH: 6.9
Alkalinity: 62 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	140	µS/cm	GE
0	Aluminum	26	µg/L	GE
1	Antimony	3.2	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	27	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	30,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,690	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	4.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	750	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	780	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	25,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	6,290	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	118,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	230	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	9.9E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 Time: 19:10
Depth to water: 64.87 ft (19.77 m) below TOC pH: 6.9
Water elevation: 171.73 ft (52.34 m) msl Alkalinity: 62 mg/L
Sp. conductance: 196 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 233 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	148	µS/cm	GE
0	Aluminum	25	µg/L	GE
1	Antimony	4.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	31,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,410	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	4.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	800	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	25,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	6,320	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	120,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	220	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 3.7E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 Time: 13:45
Depth to water: 14.07 ft (4.29 m) below TOC pH: 5.0
Water elevation: 228.73 ft (69.72 m) msl Alkalinity: 1 mg/L
Sp. conductance: 95 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	59	µS/cm	GE
0	Aluminum	38	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	81	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,110	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	35	µg/L	GE
0	Copper	35	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	20	µg/L	GE
1	Lead	8.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,900	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	990	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	6,530	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 3.6E-09	µCi/mL	GE
0	Total activity	3.3E-05 ± 1.5E-06	µCi/mL	EM
0	Total radium	1.5E-09 ± 2.5E-09	µCi/mL	GE
2	Tritium	3.9E-05 ± 9.0E-07	µCi/mL	GE

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 Time: 9:15
Depth to water: 16.95 ft (5.17 m) below TOC pH: 11.3
Water elevation: 248.15 ft (68.93 m) msl Alkalinity: 87 mg/L
Sp. conductance: 598 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 29 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	Specific conductance	500	µS/cm	GE
2	Aluminum	260	µg/L	GE
1	Antimony	3.1	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	100	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	38,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,520	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	440	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	19,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	5,900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	26,000	µg/L	GE
0	Sulfate	2,980	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	223,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	4.0E-09 ± 4.2E-09	µCi/mL	GE
2	Nonvolatile beta	6.4E-08 ± 9.9E-09	µCi/mL	GE
0	Total activity	1.8E-03 ± 8.8E-06	µCi/mL	EM
0	Total radium	2.0E-09 ± 3.4E-09	µCi/mL	GE
2	Tritium	2.5E-03 ± 7.1E-06	µCi/mL	GE

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 14:30
Depth to water: 13.24 ft (4.04 m) below TOC pH: 5.1
Water elevation: 228.16 ft (69.54 m) msl Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm Water temperature: 16.8°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	24	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	850	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,740	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	35	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.6	µg/L	GE
0	Lead	6.0	µg/L	GE
1	Lead	7.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	690	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	2,690	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.4E-04 ± 4.3E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.9E-04 ± 2.9E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 14:45
Depth to water: 15.82 ft (4.76 m) below TOC pH: 10.9
Water elevation: 225.98 ft (68.86 m) msl Alkalinity: 94 mg/L
Sp. conductance: 728 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 24 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	Specific conductance	670	µS/cm	GE
0	Aluminum	81	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	110	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	46,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,850	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.2	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	4.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,800	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	520	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	7,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	84,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	460,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
1	Total organic halogens	43	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
1	Gross alpha	1.1E-08 ± 9.7E-09	µCi/mL	GE
2	Nonvolatile beta	2.0E-07 ± 2.4E-08	µCi/mL	GE
0	Total activity	1.0E-02 ± 7.4E-05	µCi/mL	EM
1	Total radium	2.9E-09 ± 3.7E-09	µCi/mL	GE
2	Tritium	1.0E-02 ± 1.5E-05	µCi/mL	GE

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 Time: 13:50
Depth to water: 64.38 ft (19.62 m) below TOC pH: 7.0
Water elevation: 172.92 ft (52.71 m) msl Alkalinity: 76 mg/L
Sp. conductance: 199 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 283 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.9	pH	GE
0	pH	8.9	pH	GE
0	Specific conductance	152	µS/cm	GE
0	Specific conductance	149	µS/cm	GE
0	Aluminum	27	µg/L	GE
0	Aluminum	27	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	33	µg/L	GE
0	Barium	34	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	35,000	µg/L	GE
0	Calcium	35,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,510	µg/L	GE
0	Chloride	2,510	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.9	µg/L	GE
0	Copper	4.7	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	760	µg/L	GE
0	Magnesium	750	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL HSB 83A collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Potassium	980	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	25,000	µg/L	GE
0	Silica	25,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	5,810	µg/L	GE
0	Sulfate	5,810	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	128,000	µg/L	GE
0	Total dissolved solids	134,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.7	µg/L	GE
0	Zinc	2.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 3.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 13:20
Depth to water: 13.32 ft (4.06 m) below TOC — pH: 8.7
Water elevation: 223.68 ft (68.18 m) msl — Alkalinity: 35 mg/L
Sp. conductance: 133 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 269 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.9	pH	GE
0	Specific conductance	92	µS/cm	GE
0	Aluminum	48	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	43	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	19,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,590	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.8	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL HSB 83B collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	140	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	560	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	890	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	25,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Sulfate	1,280	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	86,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	19	µg/L	GE
0	Total phosphates (as P)	470	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	14	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	5.0E-06 ± 4.0E-07	µCi/mL	GE

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 12:40
Depth to water: 11.69 ft (3.56 m) below TOC — pH: 5.2
Water elevation: 225.41 ft (68.71 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 171 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Aluminum	34	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,390	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.3	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	17	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB 83C collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	450	µg/L	GE
0	Manganese	7.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.0E-07 ± 2.0E-07	µCi/mL	GE

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 12:20
Depth to water: 10.74 ft (3.27 m) below TOC — pH: 5.1
Water elevation: 226.26 ft (68.96 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 173 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	135	µS/cm	GE
0	Aluminum	50	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	54	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,270	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.5	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	45	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,200	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	0.37	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	10,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL HSB 83D collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	5,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	6,160	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	125,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	4.5E-08 ± 4.1E-09	µCi/mL	GE
0	Total activity	3.8E-03 ± 1.3E-05	µCi/mL	EM
0	Total radium	1.0E-09 ± 2.0E-09	µCi/mL	GE
2	Tritium	4.8E-03 ± 9.8E-06	µCi/mL	GE

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 11:55
Depth to water: 57.22 ft (17.44 m) below TOC — pH: 6.3
Water elevation: 171.48 ft (52.27 m) msl — Alkalinity: 24 mg/L
Sp. conductance: 122 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 280 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	108	µS/cm	GE
0	Aluminum	22	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	3.8	µg/L	GE
0	Barium	27	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	16,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,520	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	630	µg/L	GE
0	Manganese	21	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	22,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	6,160	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	68,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL HSB 84A collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	380	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	4.0E-07 ± 1.6E-08	µCi/mL	GE
2	Total radium	6.9E-09 ± 4.8E-09	µCi/mL	GE
2	Tritium	1.1E-04 ± 1.5E-06	µCi/mL	GE

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91
Depth to water: 17.30 ft (5.27 m) below TOC
Water elevation: 211.80 ft (64.50 m) msl
Sp. conductance: 203 µS/cm
Water evacuated before sampling: 236 gal
Time: 13:05
pH: 7.4
Alkalinity: 74 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
0	Specific conductance	188	µS/cm	GE
0	Aluminum	28	µg/L	GE
1	Antimony	3.6	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	53	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	32,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,680	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	3.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	820	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	350	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	37,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	3,830	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	138,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	150	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09 ± 2.8E-09	µCi/mL	GE

WELL HSB 84B collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	6.8E-05 ± 1.2E-06	µCi/mL	GE

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91
Depth to water: 14.43 ft (4.40 m) below TOC
Water elevation: 214.67 ft (65.43 m) msl
Sp. conductance: 112 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.
Time: 10:55
pH: 8.9
Alkalinity: 25 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	88	µS/cm	GE
0	Aluminum	41	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	2.8	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,750	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	44	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	790	µg/L	GE
0	Manganese	2.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,590	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	44	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 3.5E-09	µCi/mL	GE
0	Total activity	3.0E-04 ± 3.7E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	4.1E-04 ± 3.0E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 12:15
Depth to water: 8.90 ft (2.71 m) below TOC — pH: 4.1
Water elevation: 219.90 ft (67.03 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 110 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
0	Specific conductance	103	µS/cm	GE
2	Aluminum	1,200	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	820	µg/L	GE
2	Manganese	160	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.9	µg/L	GE
1	Nitrate as nitrogen	6,810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	730	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	12,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	107,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	26	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	2.2E-06 ± 3.8E-08	µCi/mL	GE
0	Total activity	1.1E-03 ± 6.9E-06	µCi/mL	EM
2	Total radium	1.5E-08 ± 4.7E-09	µCi/mL	GE
2	Tritium	1.5E-03 ± 5.5E-06	µCi/mL	GE

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 11:20
Depth to water: 125.78 ft (38.34 m) below TOC — pH: 6.7
Water elevation: 168.62 ft (51.40 m) msl — Alkalinity: 73 mg/L
Sp. conductance: 193 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 282 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	pH	7.2	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Specific conductance	159	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Turbidity	<0.10	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	4.4	µg/L	GE
1	Antimony	4.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	37	µg/L	GE
0	Barium	37	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	31,000	µg/L	GE
0	Calcium	32,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,680	µg/L	GE
0	Chloride	2,780	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	800	µg/L	GE
0	Magnesium	810	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE

WELL HSB 85A collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	26,000	µg/L	GE
0	Silica	26,000	µg/L	GE
0	Silver	3.8	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	6,210	µg/L	GE
0	Sulfate	6,210	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	98,000	µg/L	GE
0	Total dissolved solids	97,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 3.2E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 Time: 10:15
Depth to water: 61.43 ft (18.72 m) below TOC pH: 10.9
Water elevation: 233.07 ft (71.04 m) msl Alkalinity: 108 mg/L
Sp. conductance: 451 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 50 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	290	µS/cm	GE
0	Turbidity	1.3	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	20	µg/L	GE
1	Antimony	3.2	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	31	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	33,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,860	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

WELL HSB 85B collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,300	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	350	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	890	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	16,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,000	µg/L	GE
0	Sulfate	3,670	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	126,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 Time: 11:00
Depth to water: 56.04 ft (17.08 m) below TOC pH: 4.4
Water elevation: 238.06 ft (72.56 m) msl Alkalinity: 0 mg/L
Sp. conductance: 32 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Turbidity	0.11	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	32	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	180	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB 85C collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	110	µg/L	GE
0	Manganese	2.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,470	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 11:00
Depth to water: 84.21 ft (28.72 m) below TOC — pH: 6.5
Water elevation: 166.19 ft (51.28 m) msl — Alkalinity: 40 mg/L
Sp. conductance: 140 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 276 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	105	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	27	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	24,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.3	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE

WELL HSB 86A collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	710	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	27,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	10,200	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	87,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	220	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 1.8E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	1.3E-08 ± 2.0E-07	µCi/mL	GE

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 11:55
Depth to water: 38.35 ft (11.69 m) below TOC — pH: 7.0
Water elevation: 223.55 ft (68.14 m) msl — Alkalinity: 97 mg/L
Sp. conductance: 220 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 304 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	172	µS/cm	GE
0	Aluminum	39	µg/L	GE
2	Antimony	6.6	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	39	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	41,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethene	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.5	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2 Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	94	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

WELL HSB 86B collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	910	µg/L	GE
0	Manganese	8.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	36,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	2,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	135,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	17	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 Time: 11:25
Depth to water: 36.75 ft (11.20 m) below TOC pH: 4.2
Water elevation: 226.15 ft (68.93 m) msl Alkalinity: 0 mg/L
Sp. conductance: 364 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
1	Specific conductance	280	µS/cm	GE
2	Aluminum	380	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	79	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	16	µg/L	GE
0	Calcium	8,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,330	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Cobalt	84	µg/L	GE
0	Copper	4.3	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	41	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,700	µg/L	GE
2	Manganese	4,500	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nickel	160	µg/L	GE
2	Nitrate as nitrogen	41,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	16,000	µg/L	GE
0	Silver	<2.0	µg/L	GE

WELL HSB 86C collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	35,000	µg/L	GE
0	Sulfate	2,680	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	239,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	82	µg/L	GE
1	Gross alpha	1.2E-08 ± 8.9E-09	µCi/mL	GE
2	Nonvolatile beta	2.3E-07 ± 1.8E-08	µCi/mL	GE
0	Total activity	1.2E-03 ± 7.4E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Total radium	3.1E-08 ± 8.9E-09	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.7E-05	µCi/mL	GE

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 Time: 11:45
Depth to water: 36.82 ft (11.22 m) below TOC pH: 3.8
Water elevation: 226.18 ft (68.94 m) msl Alkalinity: 0 mg/L
Sp. conductance: 345 µS/cm Water temperature: 18.3°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	4.0	pH	GE
0	Specific conductance	245	µS/cm	GE
2	Aluminum	6,200	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	73	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,730	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	11	µg/L	GE
0	Copper	7.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	800	µg/L	GE
0	Iron	57	µg/L	GE
0	Lead	3.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	870	µg/L	GE
2	Manganese	480	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	18	µg/L	GE
0	Nitrate as nitrogen	2,210	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	24,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,000	µg/L	GE
0	Sulfate	15,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	137,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE

ANALYTICAL RESULTS

WELL HSB 88D collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	84	µg/L	GE
0	Gross alpha	5.2E-09 ± 4.3E-09	µCi/mL	GE
1	Gross alpha	9.8E-09 ± 9.2E-09	µCi/mL	GE
2	Nonvolatile beta	1.9E-07 ± 1.3E-08	µCi/mL	GE
2	Nonvolatile beta	1.3E-08 ± 2.4E-08	µCi/mL	GE
0	Total activity	5.5E-04 ± 5.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Total radium	3.3E-08 ± 3.3E-09	µCi/mL	GE
2	Tritium	8.0E-03 ± 1.1E-05	µCi/mL	GE

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 14:40
Depth to water: 33.09 ft (10.09 m) below TOC — pH: 5.8
Water elevation: 227.11 ft (69.22 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 194 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Aluminum	44	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,330	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	2[illegible]	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	400	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE

WELL HSB100C collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Zinc	17	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 14:20
Depth to water: 25.75 ft (7.85 m) below TOC — pH: 5.0
Water elevation: 234.35 ft (71.43 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 104 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	57	µS/cm	GE
0	Aluminum	38	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,630	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	46	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	55	µg/L	GE
2	Lead	61	µg/L	GE
2	Lead	40	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	780	µg/L	GE
1	Manganese	39	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	10	µg/L	GE
0	Nitrate as nitrogen	4,110	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,800	µg/L	GE
0	Sulfate	1,180	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	240	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08 ± 2.9E-09	µCi/mL	GE
0	Total activity	5.6E-04 ± 5.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	7.1E-04 ± 3.9E-06	µCi/mL	GE

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 13:20
Depth to water: 26.00 ft (7.92 m) below TOC — pH: 5.0
Water elevation: 234.10 ft (71.38 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 73 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 46 gal

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 15:25
Depth to water: 32.54 ft (9.92 m) below TOC — pH: 6.3
Water elevation: 225.98 ft (68.87 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 80 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 157 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Aluminum	29	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,370	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	970	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	350	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/ml	GE
0	Nonvolatile beta	5.7E-09 ± 2.1E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	2.8E-05 ± 8.0E-07	µCi/ml	GE

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 15:10
Depth to water: 27.26 ft (8.31 m) below TOC — pH: 8.4
Water elevation: 231.44 ft (70.54 m) msl — Alkalinity: 130 mg/L
Sp. conductance: 881 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.5	pH	GE
1	pH	8.4	pH	GE
2	Specific conductance	890	µS/cm	GE
2	Specific conductance	870	µS/cm	GE
2	Aluminum	370	µg/L	GE
2	Aluminum	370	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
2	Arsenic	400	µg/L	GE
2	Arsenic	400	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	2.1	µg/L	GE
0	Cadmium	2.3	µg/L	GE
0	Calcium	180	µg/L	GE
0	Calcium	180	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,660	µg/L	GE
0	Chloride	3,730	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.4	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	960	µg/L	GE
0	Fluoride	960	µg/L	GE
0	Iron	31	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	120	µg/L	GE
0	Magnesium	120	µg/L	GE
1	Manganese	27	µg/L	GE
1	Manganese	27	µg/L	GE
2	Mercury	8.9	µg/L	GE
2	Mercury	8.9	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL HSB101D collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	62,000	µg/L	GE
2	Nitrate as nitrogen	63,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,800	µg/L	GE
0	Silica	4,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	170,000	µg/L	GE
0	Sodium	170,000	µg/L	GE
0	Sulfate	9,570	µg/L	GE
0	Sulfate	9,590	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	594,000	µg/L	GE
0	Total dissolved solids	587,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	16	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total phosphates (as P)	5,580	µg/L	GE
0	Total phosphates (as P)	5,590	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
2	Vanadium	310	µg/L	GE
2	Vanadium	310	µg/L	GE
0	Zinc	4.8	µg/L	GE
0	Zinc	4.8	µg/L	GE
2	Gross alpha	2.0E-08 ± 7.7E-09	µCi/mL	GE
1	Gross alpha	1.0E-08 ± 8.4E-09	µCi/mL	GE
2	Nonvolatile beta	2.4E-07 ± 1.8E-08	µCi/mL	GE
2	Nonvolatile beta	2.3E-07 ± 1.6E-08	µCi/mL	GE
0	Total activity	1.8E-02 ± 9.4E-05	µCi/mL	EM
1	Total radium	4.0E-08 ± 4.1E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.2E-02 ± 2.1E-05	µCi/mL	GE
2	Tritium	2.2E-02 ± 2.2E-05	µCi/mL	GE

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91
Depth to water: 33.81 ft (10.31 m) below TOC
Water elevation: 225.19 ft (68.64 m) msl
Sp. conductance: 200 µS/cm
Water evacuated before sampling: 153 gal
Time: 8:55
pH: 6.2
Alkalinity: 15 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Aluminum	31	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	33	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,020	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	4.1	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL HSB102C collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,000	µg/L	GE
2	Manganese	120	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.8	µg/L	GE
2	Nitrate as nitrogen	14,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	25,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	134,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	15	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	9.9E-09 ± 4.2E-09	µCi/mL	GE
0	Total activity	1.7E-04 ± 2.9E-06	µCi/mL	EM
0	Total radium	1.4E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	3.0E-04 ± 2.5E-06	µCi/mL	GE

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91
Depth to water: 30.43 ft (9.28 m) below TOC
Water elevation: 228.17 ft (69.55 m) msl
Sp. conductance: 260 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.
Time: 9:15
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	GE
1	Specific conductance	378	µS/cm	GE
2	Aluminum	12,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.2	µg/L	GE
0	Barium	72	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,060	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	8.4	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	20	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	11	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

WELL HSB102D collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	430	µg/L	GE
2	Iron	3,400	µg/L	GE
2	Lead	38	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,200	µg/L	GE
2	Manganese	760	µg/L	GE
1	Mercury	1.3	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	24	µg/L	GE
1	Nitrate as nitrogen	8,250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	12,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	2.0	µg/L	GE
0	Total dissolved solids	155,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	13,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	100	µg/L	GE
2	Gross alpha	3.4E-08 ± 1.2E-08	µCi/mL	GE
2	Nonvolatile beta	6.8E-06 ± 4.6E-08	µCi/mL	GE
0	Total activity	3.4E-03 ± 3.9E-05	µCi/mL	EM
2	Total radium	1.9E-07 ± 1.7E-08	µCi/mL	GE
2	Tritium	6.9E-03 ± 1.2E-05	µCi/mL	GE

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 16:05
Depth to water: 23.04 ft (7.02 m) below TOC — pH: 5.0
Water elevation: 224.36 ft (68.39 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 232 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 171 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	168	µS/cm	GE
1	Aluminum	160	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	65	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,120	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	10	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	5,100	µg/L	GE
2	Manganese	410	µg/L	GE
1	Mercury	1.1	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL HSB103C collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	6.2	µg/L	GE
2	Nitrate as nitrogen	18,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	23,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	142,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	24	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-08 ± 3.0E-09	µCi/mL	GE
0	Total activity	7.9E-04 ± 6.3E-06	µCi/mL	EM
0	Total radium	1.4E-09 ± 2.5E-09	µCi/mL	GE
2	Tritium	9.8E-04 ± 4.5E-06	µCi/mL	GE

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 16:35
Depth to water: 20.97 ft (6.39 m) below TOC — pH: 4.3
Water elevation: 226.63 ft (69.08 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 252 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	239	µS/cm	GE
2	Aluminum	680	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	33	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,670	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.4	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,700	µg/L	GE
2	Manganese	160	µg/L	GE
1	Mercury	1.3	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	22,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	940	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	35,900	µg/L	GE
0	Sulfate	5,340	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB103D collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	159,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	87	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.2	µg/L	GE
0	Gross alpha	2.2E-09 ± 4.0E-09	µCi/mL	GE
2	Nonvolatile beta	6.7E-07 ± 1.7E-08	µCi/mL	GE
0	Total activity	4.4E-03 ± 4.7E-05	µCi/mL	EM
2	Total radium	2.3E-08 ± 8.0E-09	µCi/mL	GE
2	Tritium	5.4E-03 ± 1.1E-05	µCi/mL	GE

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 26.53 ft (8.09 m) below TOC
Water elevation: 221.37 ft (67.47 m) msl
Sp. conductance: 206 µS/cm
Water evacuated before sampling: 152 gal

Time: 9:40
pH: 10.2
Alkalinity: 51 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.7	pH	GE
0	Specific conductance	135	µS/cm	GE
2	Aluminum	490	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	51	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	15,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,590	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	2.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	550	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	5,570	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	9,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,900	µg/L	GE
0	Sulfate	1,270	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	116,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

WELL HSB104C collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	3.4E-08 ± 5.1E-09	µCi/mL	GE
0	Total activity	3.4E-04 ± 4.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.0E-04 ± 2.8E-06	µCi/mL	GE

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 21.82 ft (6.59 m) below TOC
Water elevation: 226.18 ft (68.94 m) msl
Sp. conductance: 331 µS/cm
Water evacuated before sampling: 41 gal

Time: 8:30
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	GE
0	Specific conductance	235	µS/cm	GE
2	Aluminum	5,500	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	73	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,160	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	7.0	µg/L	GE
0	Copper	12	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	250	µg/L	GE
0	Iron	54	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	940	µg/L	GE
2	Manganese	480	µg/L	GE
1	Mercury	1.9	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	19	µg/L	GE
2	Nitrate as nitrogen	31,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	980	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	21,000	µg/L	GE
2	Sulfate	529,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	119,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	34	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	4.0E-06 ± 5.0E-08	µCi/mL	GE
0	Total activity	5.4E-03 ± 5.0E-05	µCi/mL	EM
2	Total radium	4.8E-08 ± 8.0E-09	µCi/mL	GE
2	Tritium	3.8E-03 ± 8.7E-06	µCi/mL	GE

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 11:30
Depth to water: 28.89 ft (8.81 m) below TOC — pH: 6.0
Water elevation: 220.61 ft (67.24 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 87 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 180 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Aluminum	29	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,260	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.9	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	780	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,110	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	64,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	120	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	21	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 2.4E-09	µCi/mL	GE
2	Tritium	1.2E-04 ± 1.6E-05	µCi/mL	GE

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 11:10
Depth to water: 22.84 ft (8.96 m) below TOC — pH: 3.7
Water elevation: 226.66 ft (69.09 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 434 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	GE
1	Specific conductance	410	µS/cm	GE
2	Aluminum	8,800	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	100	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,010	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	14	µg/L	GE
0	Copper	7.7	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	1,100	µg/L	GE
0	Iron	85	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,600	µg/L	GE
2	Manganese	710	µg/L	GE
0	Mercury	0.56	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	16	µg/L	GE
2	Nitrate as nitrogen	47,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	31,000	µg/L	GE
0	Sulfate	28,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	186,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	86	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	6.0E-08 ± 4.3E-08	µCi/mL	GE
0	Total activity	7.3E-03 ± 5.7E-05	µCi/mL	EM
2	Total radium	9.7E-08 ± 1.1E-08	µCi/mL	GE
2	Tritium	9.6E-03 ± 1.4E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 10:30
Depth to water: 30.40 ft (9.27 m) below TOC — pH: 8.1
Water elevation: 222.50 ft (67.82 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 110 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 167 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.1	pH	GE
0	Specific conductance	72	µS/cm	GE
0	Aluminum	83	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.1	µg/L	GE
0	Barium	25	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,830	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,400	µg/L	GE
0	Manganese	8.0	µg/L	GE
0	Mercury	0.82	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	7,190	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	70,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	28	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	61	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.3E-09 ± 3.0E-09	µCi/mL	GE
0	Total activity	3.2E-04 ± 3.8E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	4.4E-04 ± 3.0E-06	µCi/mL	GE

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 10:10
Depth to water: 26.19 ft (7.98 m) below TOC — pH: 4.2
Water elevation: 226.71 ft (69.10 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 274 µS/cm — Water temperature: 17.9°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
0	Specific conductance	160	µS/cm	GE
2	Aluminum	710	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.4	µg/L	GE
0	Barium	29	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,180	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	8.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	67	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,300	µg/L	GE
2	Manganese	170	µg/L	GE
1	Mercury	1.3	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.9	µg/L	GE
2	Nitrate as nitrogen	19,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	34,000	µg/L	GE
0	Sulfate	55,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	122,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	15	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.7E-07 ± 1.1E-08	µCi/mL	GE
0	Total activity	1.8E-03 ± 2.9E-05	µCi/mL	EM
2	Total radium	1.4E-08 ± 4.7E-09	µCi/mL	GE
2	Tritium	2.8E-03 ± 7.7E-06	µCi/mL	GE

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 11:35
Depth to water: 41.39 ft (12.62 m) below TOC — pH: 6.8
Water elevation: 220.21 ft (67.12 m) msl — Alkalinity: 48 mg/L
Sp. conductance: 175 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Aluminum	31	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	47	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,390	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	140	µg/L	GE
2	Iron	370	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	860	µg/L	GE
2	Manganese	470	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	4,220	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	107,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 4.2E-09	µCi/mL	GE
0	Total activity	4.8E-04 ± 4.8E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.0E-04 ± 3.1E-06	µCi/mL	GE

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 10:35
Depth to water: 36.37 ft (11.09 m) below TOC — pH: 4.8
Water elevation: 225.93 ft (68.86 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 316 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	235	µS/cm	GE
2	Aluminum	600	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	62	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,070	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	52	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,500	µg/L	GE
2	Manganese	230	µg/L	GE
2	Mercury	2.7	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.9	µg/L	GE
2	Nitrate as nitrogen	30,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	28,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	18	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	187,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	8,600	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroetnylene	3.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	25	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	3.6E-08 ± 4.7E-08	µCi/mL	GE
0	Total activity	5.5E-03 ± 5.1E-05	µCi/mL	EM
2	Total radium	6.6E-08 ± 9.5E-09	µCi/mL	GE
2	Tritium	5.8E-03 ± 1.1E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 12:40
Depth to water: 46.93 ft (14.30 m) below TOC — pH: 6.8
Water elevation: 219.27 ft (66.83 m) msl — Alkalinity: 60 mg/L
Sp. conductance: 186 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 87 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	170	µS/cm	GE
0	Aluminum	29	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	25,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,040	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	160	µg/L	GE
0	Iron	6.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,900	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	18,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	2.5	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	113,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	250	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.1	µg/L	GE
0	Gross alpha	3.4E-09 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	7.3E-09 ± 5.5E-09	µCi/mL	GE
0	Total activity	3.6E-04 ± 4.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	4.6E-04 ± 3.0E-06	µCi/mL	GE

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 12:20
Depth to water: 41.61 ft (12.68 m) below TOC — pH: 4.1
Water elevation: 224.69 ft (68.49 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 383 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	GE
0	pH	4.2	pH	GE
1	Specific conductance	325	µS/cm	GE
1	Specific conductance	320	µS/cm	GE
2	Aluminum	1,800	µg/L	GE
2	Aluminum	1,900	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	100	µg/L	GE
0	Barium	100	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,700	µg/L	GE
0	Calcium	5,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,540	µg/L	GE
0	Chloride	2,440	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	14	µg/L	GE
0	Cobalt	14	µg/L	GE
0	Copper	10	µg/L	GE
0	Copper	11	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	250	µg/L	GE
0	Fluoride	230	µg/L	GE
0	Iron	46	µg/L	GE
0	Iron	55	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,400	µg/L	GE
0	Magnesium	2,400	µg/L	GE
2	Manganese	780	µg/L	GE
2	Manganese	780	µg/L	GE
0	Mercury	0.79	µg/L	GE
0	Mercury	0.75	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL HSB108D collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	24	µg/L	GE
0	Nickel	24	µg/L	GE
2	Nitrate as nitrogen	37,100	µg/L	GE
2	Nitrate as nitrogen	37,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,000	µg/L	GE
0	Potassium	2,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	41,000	µg/L	GE
0	Sodium	41,000	µg/L	GE
0	Sulfate	52,800	µg/L	GE
0	Sulfate	56,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	150,000	µg/L	GE
0	Total dissolved solids	122,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	58	µg/L	GE
0	Zinc	59	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	6.8E-08 ± 7.4E-08	µCi/mL	GE
2	Nonvolatile beta	6.8E-08 ± 7.5E-08	µCi/mL	GE
0	Total activity	1.4E-02 ± 8.0E-05	µCi/mL	EM
2	Total radium	1.3E-07 ± 1.5E-08	µCi/mL	GE
2	Total radium	1.4E-07 ± 1.6E-08	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.7E-05	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.7E-05	µCi/mL	GE

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 15:10
Depth to water: 41.82 ft (12.75 m) below TOC — pH: 6.1
Water elevation: 219.78 ft (66.99 m) msl — Alkalinity: 12 mg/L
Sp. conductance: 107 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 135 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Aluminum	22	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,580	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL HSB109C collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	3.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,340	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	710	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	105,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	320	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-08 ± 2.6E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 2.5E-09	µCi/mL	GE
2	Tritium	1.0E-04 ± 1.5E-06	µCi/mL	GE

WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 14:40
Depth to water: 37.24 ft (11.35 m) below TOC — pH: 4.2
Water elevation: 223.96 ft (68.26 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 109 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	Specific conductance	52	µS/cm	GE
2	Aluminum	850	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	62	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,850	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	4.5	µg/L	GE
0	Copper	5.2	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE

ANALYTICAL RESULTS

WELL HSB109D collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,400	µg/L	GE
2	Manganese	300	µg/L	GE
0	Mercury	0.62	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	9.0	µg/L	GE
1	Nitrate as nitrogen	8,030	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	2,860	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	28	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.1E-08 ± 2.7E-08	µCi/mL	GE
0	Total activity	8.4E-04 ± 2.1E-05	µCi/mL	EM
2	Total radium	3.4E-08 ± 7.5E-09	µCi/mL	GE
2	Total radium	1.0E-08 ± 2.1E-09	µCi/mL	GE
2	Tritium	8.9E-04 ± 4.2E-06	µCi/mL	GE

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 35.50 ft (10.82 m) below TOC
Water elevation: 220.20 ft (67.12 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 128 gal

Time: 14:00
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	23	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.2	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<40	µg/L	GE
0	Nitrate as nitrogen	850	µg/L	GE

WELL HSB110C collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	4,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	16	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.6E-05 ± 1.1E-06	µCi/mL	GE

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 32.22 ft (9.82 m) below TOC
Water elevation: 223.38 ft (68.09 m) msl
Sp. conductance: 151 µS/cm
Water evacuated before sampling: 31 gal

Time: 13:10
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
0	Specific conductance	92	µS/cm	GE
2	Aluminum	2,100	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	810	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,480	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.1	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	170	µg/L	GE
2	Manganese	120	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	7.8	µg/L	GE
2	Nitrate as nitrogen	11,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	710	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,100	µg/L	GE
0	Sulfate	61,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	61,000	µg/L	GE

WELL HSB110D collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	25	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	5.8E-07 ± 2.0E-08	µCi/mL	GE
0	Total activity	3.7E-04 ± 4.3E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.0E-04 ± 3.2E-08	µCi/mL	GE

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 34.57 ft (10.54 m) below TOC
Water elevation: 221.43 ft (67.49 m) msl
Sp. conductance: 257 µS/cm
Water evacuated before sampling: 212 gal

Time: 14:40
pH: 4.7
Alkalinity: 0 mg/L.
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	210	µS/cm	GE
2	Aluminum	220	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	16,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,200	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	29	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,700	µg/L	GE
1	Manganese	45	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	7.9	µg/L	GE
2	Nitrate as nitrogen	23,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	730	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	188,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE

WELL HSB111C collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Zinc	37	µg/L	GE
0	Gross alpha	5.5E-09 ± 3.2E-09	µCi/mL	GE
2	Nonvolatile beta	6.8E-08 ± 8.1E-09	µCi/mL	GE
0	Total activity	3.4E-03 ± 4.0E-05	µCi/mL	EM
0	Total radium	<1.0E-08	µCi/mL	GE
2	Tritium	3.5E-03 ± 8.4E-08	µCi/mL	GE

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 32.72 ft (9.97 m) below TOC
Water elevation: 223.28 ft (68.06 m) msl
Sp. conductance: 556 µS/cm
Water evacuated before sampling: 99 gal

Time: 15:15
pH: 4.7
Alkalinity: 0 mg/L.
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
2	Specific conductance	1,060	µS/cm	GE
2	Aluminum	280	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	48	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,860	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,800	µg/L	GE
2	Manganese	59	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.9	µg/L	GE
2	Nitrate as nitrogen	83,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	510	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	90,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	392,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Gross alpha	2.7E-09 ± 2.2E-09	µCi/mL	GE
1	Nonvolatile beta	5.0E-08 ± 8.1E-09	µCi/mL	GE
0	Total activity	1.5E-02 ± 8.4E-05	µCi/mL	EM
1	Total radium	3.0E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	1.6E-02 ± 1.8E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 Time: 14:55
Depth to water: 32.43 ft (9.88 m) below TOC
Water elevation: 223.47 ft (68.11 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 Time: 11:40
Depth to water: 32.52 ft (9.91 m) below TOC pH: 4.0
Water elevation: 223.38 ft (68.09 m) msl Alkalinity: 0 mg/L
Sp. conductance: 108 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
0	Specific conductance	79	µS/cm	GE
0	Aluminum	<20	µg/L	GE
2	Aluminum	1,310	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,640	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	826	µg/L	GE
2	Manganese	123	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	23,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,000	µg/L	GE
0	Sulfate	45,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.5	µg/L	GE
0	Total dissolved solids	56,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total organic halogens	19	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	22	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	2.2E-06 ± 3.8E-08	µCi/mL	GE
0	Total activity	2.2E-04 ± 1.2E-05	µCi/mL	EM
2	Total radium	1.1E-08 ± 4.5E-09	µCi/mL	GE
2	Tritium	9.1E-04 ± 3.6E-06	µCi/mL	GE

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 Time: 14:45
Depth to water: 31.80 ft (9.69 m) below TOC pH: 5.9
Water elevation: 223.10 ft (68.00 m) msl Alkalinity: 11 mg/L
Sp. conductance: 197 µS/cm Water temperature: 24.8°C
Water evacuated before sampling: 216 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	190	µS/cm	GE
0	Aluminum	50	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	33	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,770	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	10	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,400	µg/L	GE
1	Manganese	32	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.1	µg/L	GE
2	Nitrate as nitrogen	14,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	680	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
2	Silver	130	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	174,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	380	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	24	µg/L	GE
0	Gross alpha	3.0E-09 ± 2.5E-09	µCi/mL	GE
1	Nonvolatile beta	4.3E-08 ± 5.6E-09	µCi/mL	GE
0	Total activity	2.2E-03 ± 9.8E-06	µCi/mL	EM
0	Total radium	2.0E-09 ± 2.5E-09	µCi/mL	GE
2	Tritium	2.9E-03 ± 7.7E-06	µCi/mL	GE

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 14:30
Depth to water: 30.70 ft (9.36 m) below TOC — pH: 4.8
Water elevation: 224.40 ft (68.40 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 450 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 95 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	QE
1	Specific conductance	450	µS/cm	QE
1	Aluminum	170	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	25	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	2.2	µg/L	QE
0	Calcium	2,100	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	2,780	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Cobalt	8.3	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0080	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	5.4	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Magnesium	1,600	µg/L	QE
2	Manganese	280	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Nickel	8.8	µg/L	QE
2	Nitrate as nitrogen	50,200	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	1,200	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	8,400	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	88,000	µg/L	QE
0	Sulfate	12,300	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	322,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
0	Total organic halogens	11	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
2	Total silica	8,500	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.080	µg/L	QE
0	Tributyl phosphate	<10	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	11	µg/L	QE
2	Gross alpha	2.0E-08 ± 1.3E-08	µCi/mL	QE
2	Nonvolatile beta	1.8E-07 ± 3.5E-08	µCi/mL	QE
0	Total activity	1.8E-02 ± 8.3E-05	µCi/mL	EM
2	Total radium	5.0E-09 ± 3.2E-09	µCi/mL	QE
2	Tritium	2.1E-02 ± 2.1E-05	µCi/mL	QE

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 8:45
Depth to water: 30.72 ft (9.36 m) below TOC — pH: 5.3
Water elevation: 224.38 ft (68.39 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 442 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	QE
2	Specific conductance	1,050	µS/cm	QE
1	Aluminum	150	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	110	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	4.7	µg/L	QE
0	Calcium	5,000	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	3,300	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
1	Cobalt	34	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0080	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	110	µg/L	QE
0	Iron	7.3	µg/L	QE
2	Lead	20	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Magnesium	3,100	µg/L	QE
2	Manganese	1,100	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Nickel	35	µg/L	QE
2	Nitrate as nitrogen	50,200	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	2,300	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	10,000	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	73,000	µg/L	QE
0	Sulfate	3,320	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	311,000	µg/L	QE
0	Total organic carbon	1,000	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.080	µg/L	QE
0	1,1,1-Trichloroethane	1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	85	µg/L	QE
1	Gross alpha	1.3E-08 ± 1.5E-08	µCi/mL	QE
2	Nonvolatile beta	6.4E-07 ± 6.1E-08	µCi/mL	QE
0	Total activity	1.1E-02 ± 7.0E-05	µCi/mL	EM
2	Total radium	9.2E-09 ± 4.0E-09	µCi/mL	QE
2	Tritium	1.0E-02 ± 1.8E-05	µCi/mL	QE

ANALYTICAL RESULTS

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 10:20
Depth to water: 37.25 ft (11.35 m) below TOC — pH: 5.2
Water elevation: 223.75 ft (68.20 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 143 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 109 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	QE
0	Specific conductance	120	µS/cm	QE
1	Aluminum	130	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	30	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	6,500	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	3,420	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0060	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	5.0	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Magnesium	2,200	µg/L	QE
1	Manganese	44	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Nickel	5.2	µg/L	QE
2	Nitrate as nitrogen	11,600	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	740	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	8,800	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	9,200	µg/L	QE
0	Sulfate	4,410	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	101,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
0	Total organic halogens	18	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	27	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
1	Nonvolatile beta	4.1E-08 ± 5.0E-09	µCi/mL	QE
0	Total activity	1.4E-03 ± 2.7E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	QE
2	Tritium	1.5E-03 ± 5.3E-06	µCi/mL	QE

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 15:40
Depth to water: 38.05 ft (10.99 m) below TOC — pH: 3.8
Water elevation: 224.85 ft (68.54 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 411 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	QE
2	Specific conductance	1,040	µS/cm	QE
2	Aluminum	10,000	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	110	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	8,800	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	3,200	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Cobalt	12	µg/L	QE
0	Copper	11	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0060	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	810	µg/L	QE
0	Iron	85	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Magnesium	1,300	µg/L	QE
2	Manganese	460	µg/L	QE
0	Mercury	0.25	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Nickel	21	µg/L	QE
2	Nitrate as nitrogen	38,300	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	2,100	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	27,000	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	25,000	µg/L	QE
0	Sulfate	3,270	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	181,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
0	Total organic halogens	14	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	120	µg/L	QE
0	Gross alpha	<2.0E-08	µCi/mL	QE
2	Nonvolatile beta	3.4E-06 ± 4.0E-08	µCi/mL	QE
0	Total activity	1.3E-02 ± 8.9E-05	µCi/mL	EM
2	Total radium	8.0E-08 ± 9.3E-09	µCi/mL	QE
2	Tritium	1.1E-02 ± 1.5E-05	µCi/mL	QE

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 12:45
Depth to water: 38.10 ft (11.63 m) below TOC — pH: 4.8
Water elevation: 228.94 ft (68.78 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 577 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 105 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
2	Specific conductance	500	µS/cm	GE
2	Aluminum	390	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	68	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	9,290	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	5.3	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	15	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	9.8	µg/L	GE
0	Lead	3.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	5,200	µg/L	GE
2	Manganese	180	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	10	µg/L	GE
2	Nitrate as nitrogen	60,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	990	µg/L	GE
0	Selenium	2.1	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	74,000	µg/L	GE
0	Sulfate	14,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	34	µg/L	GE
0	Total dissolved solids	383,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	25	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	2.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	30	µg/L	GE
0	Gross alpha	5.6E-09 ± 5.6E-09	µCi/mL	GE
2	Nonvolatile beta	1.5E-07 ± 1.4E-08	µCi/mL	GE
0	Total activity	1.3E-03 ± 7.7E-08	µCi/mL	EM
0	Total radium	1.0E-08 ± 2.9E-09	µCi/mL	GE
2	Tritium	1.6E-02 ± 1.8E-05	µCi/mL	GE

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE F[illegible]

Sample date: 04/03/91 — Time: 13:00
Depth to water: 38.28 ft (11.67 m) below TOC — pH: 3.8
Water elevation: 228.72 ft (68.80 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 327 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.1	pH	GE
1	Specific conductance	315	µS/cm	GE
2	Aluminum	3,800	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	39	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,160	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	4.5	µg/L	GE
0	Copper	7.9	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	52	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	430	µg/L	GE
0	Iron	48	µg/L	GE
1	Lead	9.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	710	µg/L	GE
2	Manganese	230	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	9.9	µg/L	GE
2	Nitrate as nitrogen	32,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	18,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	32,000	µg/L	GE
0	Sulfate	87,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	39	µg/L	GE
0	Total dissolved solids	159,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	47	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Gross alpha	1.3E-08 ± 7.9E-09	µCi/mL	GE
2	Nonvolatile beta	1.4E-08 ± 3.0E-08	µCi/mL	GE
2	Nonvolatile beta	1.1E-08 ± 2.3E-08	µCi/mL	GE
0	Total activity	8.8E-04 ± 5.6E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Total radium	1.3E-08 ± 5.8E-09	µCi/mL	GE
2	Total radium	2.3E-08 ± 3.1E-09	µCi/mL	GE
2	Tritium	8.0E-03 ± 1.3E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 13:45
Depth to water: 42.58 ft (12.98 m) below TOC — pH: 8.7
Water elevation: 226.72 ft (69.11 m) msl — Alkalinity: 25 mg/L
Sp. conductance: 488 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 115 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.7	pH	GE
1	Specific conductance	430	µS/cm	GE
1	Aluminum	140	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	18,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.6	µg/L	GE
0	Lead	1.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,500	µg/L	GE
2	Manganese	330	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	46,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,200	µg/L	GE
0	Selenium	2.0	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	61,000	µg/L	GE
0	Sulfate	5,780	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	Total dissolved solids	343,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	130	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.3	µg/L	GE
0	Gross alpha	2.5E-09 ± 7.5E-09	µCi/mL	GE
2	Nonvolatile beta	4.3E-07 ± 2.3E-08	µCi/mL	GE
0	Total activity	1.5E-03 ± 8.3E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.8E-02 ± 1.8E-05	µCi/mL	GE

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 13:25
Depth to water: 42.22 ft (12.87 m) below TOC — pH: 4.3
Water elevation: 226.88 ft (69.15 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 259 µS/cm — Water temperature: 24.0°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	230	µS/cm	GE
2	Aluminum	2,100	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	150	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,070	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Cobalt	31	µg/L	GE
0	Copper	19	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	570	µg/L	GE
1	Iron	260	µg/L	GE
2	Lead	36	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,200	µg/L	GE
2	Manganese	930	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	51	µg/L	GE
2	Nitrate as nitrogen	41,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	28,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	3,120	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	199,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	170	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	8.8E-07 ± 3.6E-08	µCi/mL	GE
0	Total activity	5.4E-04 ± 5.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	7.0E-03 ± 1.2E-05	µCi/mL	GE

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 14:15
Depth to water: 29.87 ft (9.10 m) below TOC — pH: 5.3
Water elevation: 227.63 ft (69.38 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 485 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 124 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
1	Specific conductance	375	µS/cm	GE
1	Aluminum	110	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	75	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Cobalt	63	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,600	µg/L	GE
2	Manganese	900	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.9	µg/L	GE
2	Nitrate as nitrogen	55,200	µg/L	GE
0	Phenols	5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	70,000	µg/L	GE
0	Sulfate	15,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	304,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	7,200	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 2.6E-09	µCi/mL	GE
2	Nonvolatile beta	6.3E-08 ± 5.7E-09	µCi/mL	GE
0	Total activity	1.6E-03 ± 8.5E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.1E-02 ± 2.1E-05	µCi/mL	GE

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 14:35
Depth to water: 28.26 ft (8.61 m) below TOC — pH: 3.9
Water elevation: 228.54 ft (69.66 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 371 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	GE
1	Specific conductance	345	µS/cm	GE
2	Aluminum	3,500	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	190	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,540	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	9.3	µg/L	GE
0	Copper	7.3	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	460	µg/L	GE
0	Iron	96	µg/L	GE
2	Lead	22	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,000	µg/L	GE
2	Manganese	510	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	18	µg/L	GE
2	Nitrate as nitrogen	36,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	33,000	µg/L	GE
0	Sulfate	10,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	210,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	99	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	9.7E-08	µCi/mL	GE
0	Total activity	2.4E-03 ± 1.0E-05	µCi/mL	EM
2	Total radium	2.3E-07 ± 2.6E-08	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.7E-05	µCi/mL	GE

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 11:20
Depth to water: 28.99 ft (8.84 m) below TOC — pH: 3.9
Water elevation: 227.81 ft (69.44 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 368 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 36 gal

ANALYTICAL RESULTS

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 14:00
Depth to water: 70.34 ft (21.44 m) below TOC pH: 6.3
Water elevation: 165.98 ft (50.59 m) msl Alkalinity: 52 mg/L
Sp. conductance: 146 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 215 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	128	µS/cm	GE
0	Aluminum	20	µg/L	GE
0	Antimony	2.4	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	33	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	23,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,710	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	6.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	820	µg/L	GE
2	Manganese	110	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	26,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	6,850	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	97,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 13:40
Depth to water: 11.85 ft (3.61 m) below TOC pH: 4.8
Water elevation: 224.45 ft (68.41 m) msl Alkalinity: 1 mg/L
Sp. conductance: 541 µS/cm Water temperature: 18.5°C
Water evacuated before sampling: 159 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
1	Specific conductance	490	µS/cm	GE
2	Aluminum	550	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	85	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,380	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	5.7	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	16	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	6,700	µg/L	GE
2	Manganese	130	µg/L	GE
0	Mercury	0.55	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.2	µg/L	GE
0	Nitrate as nitrogen	600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	750	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	92,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	405,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	17	µg/L	GE
1	Gross alpha	9.1E-09 ± 7.6E-09	µCi/mL	GE
2	Nonvolatile beta	1.7E-07 ± 2.3E-08	µCi/mL	GE
0	Total activity	1.2E-02 ± 8.1E-05	µCi/mL	EM
1	Total radium	4.7E-09 ± 3.3E-09	µCi/mL	GE
2	Tritium	1.3E-02 ± 1.0E-05	µCi/mL	GE

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 13:20
Depth to water: 8.95 ft (2.73 m) below TOC — pH: 4.8
Water elevation: 227.35 ft (69.30 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	230	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	3,380	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.7E-09	µCi/mL	GE
0	Total activity	7.4E-05 ± 2.2E-06	µCi/mL	EM
0	Total radium	1.8E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	9.1E-05 ± 1.4E-06	µCi/mL	GE

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 15:55
Depth to water: 80.01 ft (24.39 m) below TOC — pH: 6.6
Water elevation: 167.29 ft (50.99 m) msl — Alkalinity: 52 mg/L
Sp. conductance: 173 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 200 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	51	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	25,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,540	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	690	µg/L	GE
2	Manganese	52	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	29,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	7,240	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	100,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	200	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 10:30
Depth to water: 10.75 ft (3.28 m) below TOC — pH: 4.7
Water elevation: 225.55 ft (68.75 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 16.9°C
Water evacuated before sampling: 69 gal

ANALYTICAL RESULTS

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 12:10
Depth to water: 90.41 ft (27.56 m) below TOC — pH: 7.1
Water elevation: 166.89 ft (50.81 m) msl — Alkalinity: 55 mg/L
Sp. conductance: 182 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 193 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	191	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	3.8	µg/L	GE
0	Barium	26	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,870	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,470	µg/L	GE
0	Manganese	7.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,560	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,150	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	32,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,080	µg/L	GE
0	Sulfate	4,020	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	137,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	276	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 3.5E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	2.8E-04 ± 2.3E-06	µCi/mL	GE

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 9:20
Depth to water: 102.28 ft (31.18 m) below TOC — pH: 7.5
Water elevation: 165.92 ft (50.57 m) msl — Alkalinity: 86 mg/L
Sp. conductance: 220 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 197 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	181	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	39	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	43,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,590	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	51	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	980	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	31,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sulfate	6,350	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	130,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 1.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 9:20
Depth to water: 102.28 ft (31.18 m) below TOC — pH: 7.5
Water elevation: 165.92 ft (50.57 m) msl — Alkalinity: 88 mg/L
Sp. conductance: 220 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 197 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
0	pH	7.7	pH	GE
0	Specific conductance	188	µS/cm	GE
0	Specific conductance	171	µS/cm	GE
0	Aluminum	43	µg/L	GE
0	Aluminum	56	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	34	µg/L	GE
0	Barium	34	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	38,000	µg/L	GE
0	Calcium	38,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,550	µg/L	GE
0	Chloride	2,350	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	4.3	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.2	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	940	µg/L	GE
0	Magnesium	930	µg/L	GE
0	Manganese	16	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL HSB120A collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,400	µg/L	GE
0	Potassium	2,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	32,000	µg/L	GE
0	Silica	33,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	6,370	µg/L	GE
0	Sulfate	6,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	125,000	µg/L	GE
0	Total dissolved solids	127,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.8	µg/L	GE
0	Zinc	9.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 10:10
Depth to water: 103.36 ft (31.50 m) below TOC — pH: 7.3
Water elevation: 171.24 ft (52.19 m) msl — Alkalinity: 85 mg/L
Sp. conductance: 292 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 218 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	198	µS/cm	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	4.1	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	54	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	37,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,810	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB121A collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	750	µg/L	GE
0	Manganese	7.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	3,400	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	38,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	9,920	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	149,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.1E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91
Depth to water: 100.52 ft (30.64 m) below TOC
Water elevation: 171.08 ft (52.15 m) msl
Sp. conductance: 255 µS/cm
Water evacuated before sampling: 225 gal

Time: 11:20
pH: 7.0
Alkalinity: 91 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	202	µS/cm	GE
0	Aluminum	25	µg/L	GE
1	Antimony	3.8	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	39,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,950	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	20	µg/L	GE

WELL HSB122A collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	750	µg/L	GE
0	Manganese	5.9	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	930	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	32,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	10,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	143,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	2.2	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91
Depth to water: 93.17 ft (28.40 m) below TOC
Water elevation: 171.33 ft (52.22 m) msl
Sp. conductance: 224 µS/cm
Water evacuated before sampling: 207 gal

Time: 16:25
pH: 8.9
Alkalinity: 87 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.9	pH	GE
0	Specific conductance	213	µS/cm	GE
0	Aluminum	31	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	71	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	38,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,590	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	67	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	710	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	2,000	µg/L	GE
0	Selenium	< 2.0	µg/L	GE

WELL HSB123A collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	41,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Sulfate	9,470	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	159,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB124A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91
Depth to water: 72.43 ft (22.08 m) below TOC
Water elevation: 193.77 ft (59.06 m) msl
Sp. conductance: 755 µS/cm
Water evacuated before sampling: 48 gal
The well went dry during purging.

Time: 9:35
pH: 11.3
Alkalinity: 119 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	400	µS/cm	GE
1	Aluminum	130	µg/L	GE
1	Antimony	4.8	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	100	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	48,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,410	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	26,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	11,200	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	134,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE

WELL HSB124A collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	2.1E-08 ± 3.0E-07	µCi/mL	GE

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 7.50 ft (2.29 m) below TOC
Water elevation: 224.40 ft (68.40 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 207 gal

Time: 13:50
pH: 5.9
Alkalinity: 20 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,890	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.5	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,500	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	590	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB125C collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	4.8E-08 ± 4.0E-07	µCi/mL	GE

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 Time: 13:10
Depth to water: 9.95 ft (3.03 m) below TOC pH: 5.0
Water elevation: 221.75 ft (67.59 m) msl Alkalinity: 0 mg/L
Sp. conductance: 264 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	226	µS/cm	GE
0	Aluminum	91	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	390	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,760	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.8	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	190	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	720	µg/L	GE
2	Manganese	250	µg/L	GE
1	Mercury	1.0	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	57,000	µg/L	GE
0	Sulfate	10,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	189,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	6.9E-08 ± 1.6E-08	µCi/mL	GE
0	Total activity	3.9E-03 ± 4.6E-05	µCi/mL	EM
0	Total radium	1.4E-09 ± 2.5E-09	µCi/mL	GE
2	Tritium	4.5E-03 ± 9.4E-06	µCi/mL	GE

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 Time: 15:15
Inaccessibility or pump failure prevented sample collection.

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 Time: 15:20
Inaccessibility or pump failure prevented sample collection.

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 Time: 15:00
Depth to water: 14.87 ft (4.53 m) below TOC pH: 7.6
Water elevation: 210.83 ft (64.26 m) msl Alkalinity: 83 mg/L
Sp. conductance: 293 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 164 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
1	Specific conductance	268	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	50,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,580	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<40	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	910	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	9,610	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	520	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	6.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	206,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.2	µg/L	GE
0	2,4,5-TP (Silvex)	<0.09	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.7	µg/L	GE

WELL HSB127C collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-08 ± 6.8E-09	µCi/mL	GE
0	Total activity	8.8E-04 ± 6.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.1E-03 ± 4.8E-08	µCi/mL	GE

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 Time: 14:35
Depth to water: 7.15 ft (2.18 m) below TOC pH: 4.8
Water elevation: 218.95 ft (66.74 m) msl Alkalinity: 0 mg/L
Sp. conductance: 251 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
2	Specific conductance	1,030	µS/cm	GE
1	Aluminum	100	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,320	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,260	µg/L	GE
2	Manganese	230	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	25,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	45,000	µg/L	GE
0	Sulfate	8,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	181,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	23	µg/L	GE
1	Gross alpha	9.0E-09 ± 9.6E-09	µCi/mL	GE
2	Nonvolatile beta	7.4E-08 ± 2.8E-08	µCi/mL	GE
0	Total activity	1.5E-02 ± 8.1E-05	µCi/mL	EM
1	Total radium	2.6E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	1.8E-02 ± 1.8E-05	µCi/mL	GE

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 Time: 9:00
Inaccessibility or pump failure prevented sample collection

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 Time: 11:10
Depth to water: 8.66 ft (2.64 m) below TOC pH: 5.3
Water elevation: 208.44 ft (62.92 m) msl Alkalinity: 1 mg/L
Sp. conductance: 201 µS/cm Water temperature: 18.5°C
Water evacuated before sampling: 154 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	205	µS/cm	GE
0	Aluminum	92	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	57	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	17,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,360	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	4,200	µg/L	GE
1	Manganese	49	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.7	µg/L	GE
2	Nitrate as nitrogen	17,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,720	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	1,280	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	102,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	69	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	85	µg/L	GE
0	Gross alpha	2.4E-09 ± 2.7E-09	µCi/mL	GE
2	Nonvolatile beta	7.5E-08 ± 7.1E-09	µCi/mL	GE
0	Total activity	1.9E-03 ± 8.7E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.7E-03 ± 7.5E-08	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 Time: 9:05
Inaccessibility or pump failure prevented sample collection.

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 Time: 10:30
Depth to water: 5.60 ft (1.71 m) below TOC pH: 4.4
Water elevation: 209.10 ft (63.73 m) msl Alkalinity: 0 mg/L
Sp. conductance: 387 µS/cm Water temperature: 16.6°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
2	Specific conductance	820	µS/cm	GE
2	Aluminum	225	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	44	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,170	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,240	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	4.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,980	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	0.30	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	49,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,470	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	65,800	µg/L	GE
0	Sulfate	8,710	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	257,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.060	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.4	µg/L	GE
1	Gross alpha	1.3E-08 ± 7.8E-09	µCi/mL	GE
2	Nonvolatile beta	1.6E-07 ± 2.2E-08	µCi/mL	GE
0	Total activity	7.0E-03 ± 5.3E-05	µCi/mL	EM
1	Total radium	2.9E-09 ± 3.1E-09	µCi/mL	GE
2	Tritium	8.1E-03 ± 1.3E-05	µCi/mL	GE

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 Time: 10:15
Depth to water: 18.22 ft (5.55 m) below TOC pH: 7.8
Water elevation: 200.08 ft (60.99 m) msl Alkalinity: 78 mg/L
Sp. conductance: 181 µS/cm Water temperature: 17.8°C
Water evacuated before sampling: 105 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,270	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	700	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	160	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	740	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	114,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07 ± 4.0E-07	µCi/mL	GE

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/01 — Time: 11:20
Depth to water: 17.61 ft (5.37 m) below TOC — pH: 8.4
Water elevation: 200.99 ft (61.26 m) msl — Alkalinity: 42 mg/L
Sp. conductance: 110 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.8	pH	QE
0	Specific conductance	102	µS/cm	QE
0	Aluminum	<20	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	13	µg/L	QE
0	Barium	11	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	17,000	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	2,080	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0060	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	10	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Magnesium	950	µg/L	QE
0	Manganese	3.1	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Nickel	<4.0	µg/L	QE
0	Nitrate as nitrogen	280	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	<500	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	8,800	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	1,800	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	87,000	µg/L	QE
0	Total organic carbon	1,000	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total phosphates (as P)	60	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	4.8	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
0	Nonvolatile beta	<2.0E-09	µCi/mL	QE
0	Total radium	<1.0E-09	µCi/mL	QE
0	Tritium	<7.0E-07 ± 6.0E-07	µCi/mL	QE

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/01 — Time: 14:26
Depth to water: 7.91 ft (2.41 m) below TOC — pH: 7.5
Water elevation: 203.76 ft (62.12 m) msl — Alkalinity: 82 mg/L
Sp. conductance: 227 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 145 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	QE
0	pH	7.9	pH	QE
0	Specific conductance	200	µS/cm	QE
0	Specific conductance	200	µS/cm	QE
0	Aluminum	20	µg/L	QE
0	Aluminum	20	µg/L	QE
1	Antimony	3.8	µg/L	QE
1	Antimony	3.5	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	23	µg/L	QE
0	Barium	24	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	37,000	µg/L	QE
0	Calcium	38,000	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	2,730	µg/L	QE
0	Chloride	2,830	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0060	µg/L	QE
0	Endrin	<0.0060	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	<4.0	µg/L	QE
0	Iron	<4.0	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Magnesium	880	µg/L	QE
0	Magnesium	880	µg/L	QE
0	Manganese	<2.0	µg/L	QE
0	Manganese	<2.0	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE

ANALYTICAL RESULTS

WELL HSB131C collected on 04/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	QE
0	Nickel	<4.0	µg/L	QE
0	Nitrate as nitrogen	4,100	µg/L	QE
0	Nitrate as nitrogen	4,540	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	1,400	µg/L	QE
0	Potassium	1,500	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	14,000	µg/L	QE
0	Silica	14,000	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	4,000	µg/L	QE
0	Sodium	4,000	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Tetrachloroethylene	1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	140,000	µg/L	QE
0	Total dissolved solids	150,000	µg/L	QE
0	Total organic carbon	1,000	µg/L	QE
0	Total organic carbon	2,000	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	<20	µg/L	QE
0	Zinc	<20	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/ml	QE
0	Gross alpha	<2.0E-09	µCi/ml	QE
0	Nonvolatile beta	4.0E-09 ± 3.5E-09	µCi/ml	QE
0	Nonvolatile beta	4.0E-09 ± 3.4E-09	µCi/ml	QE
0	Total radium	<1.0E-09	µCi/ml	QE
0	Total radium	<1.0E-09	µCi/ml	QE
2	Tritium	2.1E-04 ± 2.1E-08	µCi/ml	QE
2	Tritium	2.1E-04 ± 2.1E-08	µCi/ml	QE

WELL HSB131D collected on 04/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Endrin	<0.0900	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	9.9	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Lindane	<0.0050	µg/L	QE
0	Magnesium	750	µg/L	QE
0	Manganese	7.3	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Methoxychlor	<0.50	µg/L	QE
0	Nickel	<4.0	µg/L	QE
0	Nitrate as nitrogen	200	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	1,500	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	4,700	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	890	µg/L	QE
0	Sulfate	2,700	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
0	Tetrachloroethylene	<1.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	20,000	µg/L	QE
0	Total organic carbon	2,000	µg/L	QE
0	Total organic halogens	<5.0	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	Toxaphene	<0.24	µg/L	QE
0	2,4,5-TP (Silvex)	<0.090	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Vanadium	<10	µg/L	QE
0	Zinc	<20	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/ml	QE
0	Nonvolatile beta	3.0E-09 ± 2.8E-09	µCi/ml	QE
0	Total radium	<1.0E-09	µCi/ml	QE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/ml	QE

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 — Time: 14:45
Depth to water: 8.47 ft (1.97 m) below TOC — pH: 4.9
Water elevation: 205.03 ft (62.68 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 17.1°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	QE
0	Specific conductance	25	µS/cm	QE
0	Aluminum	40	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	15	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	1,400	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	1,210	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 12:20
Depth to water: 8.87 ft (2.12 m) below TOC — pH: 4.8
Water elevation: 205.13 ft (62.52 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 25 gal

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 — Time: 9:00
Inaccessibility or pump failure prevented sample collection

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	QE
0	Specific conductance	31	µS/cm	QE
0	Aluminum	42	µg/L	QE
0	Antimony	<2.0	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	4.4	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	805	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	2,040	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Cobalt	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE

WELL HSB132C collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,2 Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	120	µg/L	QE
0	Iron	14	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	200	µg/L	QE
0	Manganese	13	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nitrate as nitrogen	< 50	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	850	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	8,280	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	4,060	µg/L	QE
0	Sulfate	3,400	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	15,000	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
0	Total organic halogens	5.0	µg/L	QE
0	Total phosphates (as P)	93	µg/L	QE
0	Toxaphene	< 0.24	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Zinc	4.5	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE
0	Tritium	8.9E-07 ± 2.0E-07	µCi/mL	QE

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 Time: 9:05
Inaccessibility or pump failure prevented sample collection

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 Time: 12:15
Depth to water: 18.89 ft (5.76 m) below TOC pH: 5.4
Water elevation: 221.81 ft (67.61 m) msl Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm Water temperature: 18.5°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	QE
0	Specific conductance	21	µS/cm	QE
0	Aluminum	< 20	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	5.9	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	460	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	2,260	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	9.3	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE

WELL HSB132D collected on 05/20/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	< 100	µg/L	QE
0	Iron	< 4.0	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Magnesium	290	µg/L	QE
0	Manganese	8.4	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nitrate as nitrogen	810	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	< 500	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	5,680	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	3,810	µg/L	QE
0	Sulfate	< 1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	19,000	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
0	Total organic halogens	18	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	Toxaphene	< 0.24	µg/L	QE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Vanadium	< 10	µg/L	QE
0	Zinc	15	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	QE

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 Time: 14:40
Depth to water: 24.48 ft (7.46 m) below TOC pH: 6.0
Water elevation: 231.12 ft (70.45 m) msl Alkalinity: 13 mg/L
Sp. conductance: 47 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	QE
0	Specific conductance	35	µS/cm	QE
0	Aluminum	< 20	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	8.3	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	3,500	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	2,080	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	< 4.0	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	< 100	µg/L	QE

ANALYTICAL RESULTS

WELL HSB133C collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	5.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	460	µg/L	GE
0	Manganese	5.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	1,070	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	170	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91
Depth to water: 19.33 ft (5.89 m) below TOC
Water elevation: 235.97 ft (71.92 m) msl
Sp. conductance: 66 µS/cm
Water evacuated before sampling: 72 gal
Time: 13:35
pH: 5.3
Alkalinity: 12 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	3.1	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,390	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	150	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	420	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE

WELL HSB133D collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	6,200	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	4.1E-05 ± 1.0E-06	µCi/mL	GE

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 16.63 ft (5.07 m) below TOC
Water elevation: 221.74 ft (67.60 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 199 gal
Time: 12:40
pH: 5.4
Alkalinity: 8 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Aluminum	22	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,070	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,200	µg/L	GE
0	Manganese	23	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,450	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	710	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL HSB134C collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.6E-05 ± 1.1E-06	µCi/mL	GE

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91
Depth to water: 18.29 ft (5.57 m) below TOC
Water elevation: 220.11 ft (67.09 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 141 gal
Time: 13:05
pH: 5.5
Alkalinity: 4 mg/L
Water temperature: 19.0°C

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 14.70 ft (4.48 m) below TOC
Water elevation: 223.40 ft (68.09 m) msl
Sp. conductance: 96 µS/cm
Water evacuated before sampling: 46 gal
Time: 12:20
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	94	µS/cm	GE
2	Aluminum	350	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	380	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,770	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,100	µg/L	GE
2	Manganese	61	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	10,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	6,070	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE

WELL HSB134D collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	54	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	3.8E-07 ± 1.6E-08	µCi/mL	GE
0	Total activity	8.1E-04 ± 2.3E-05	µCi/mL	EM
2	Total radium	7.5E-09 ± 3.9E-09	µCi/mL	GE
2	Tritium	9.4E-04 ± 4.4E-06	µCi/mL	GE

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91
Depth to water: 24.81 ft (7.56 m) below TOC
Water elevation: 207.19 ft (63.15 m) msl
Sp. conductance: 214 µS/cm
Water evacuated before sampling: 157 gal
Time: 13:55
pH: 7.7
Alkalinity: 93 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	199	µS/cm	GE
0	Aluminum	46	µg/L	GE
1	Antimony	3.7	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	38,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	340	µg/L	GE
0	Iron	6.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	510	µg/L	GE
0	Manganese	2.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	720	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	28,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	137,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

WELL HSB135C collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 3.4E-09	µCi/mL	GE
2	Tritium	5.3E-05 ± 1.0E-06	µCi/mL	GE

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91
Depth to water: 12.97 ft (3.95 m) below TOC
Water elevation: 219.33 ft (66.85 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 51 gal

Time: 13:30
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Aluminum	25	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	180	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Meti chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	4,880	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	3.2E-08 ± 5.1E-09	µCi/mL	GE
0	Total activity	1.4E-04 ± 1.2E-05	µCi/mL	EM
0	Total radium	2.0E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	1.9E-04 ± 2.0E-06	µCi/mL	GE

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 8.97 ft (2.73 m) below TOC
Water elevation: 218.93 ft (66.73 m) msl
Sp. conductance: 448 µS/cm
Water evacuated before sampling: 153 gal

Time: 10:50
pH: 6.2
Alkalinity: 14 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
1	Specific conductance	400	µS/cm	GE
0	Aluminum	58	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	84	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	15,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	4,800	µg/L	GE
2	Manganese	80	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.1	µg/L	GE
0	Nitrate as nitrogen	460	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	69,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	318,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Gross alpha	4.4E-09 ± 6.4E-09	µCi/mL	GE
2	Nonvolatile beta	1.4E-07 ± 2.1E-08	µCi/mL	GE
0	Total activity	1.2E-02 ± 8.1E-05	µCi/mL	EM
0	Total radium	2.1E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	1.2E-02 ± 1.5E-05	µCi/mL	GE

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 9:30
Depth to water: 5.68 ft (1.73 m) below TOC — pH: 3.9
Water elevation: 222.32 ft (67.76 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 333 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	GE
1	Specific conductance	279	µS/cm	GE
2	Aluminum	6,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	130	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,960	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	11	µg/L	GE
0	Copper	6.5	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	540	µg/L	GE
0	Iron	74	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,200	µg/L	GE
2	Manganese	460	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	18	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	36,000	µg/L	GE
0	Sulfate	25,600	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	59	µg/L	GE
2	Gross alpha	1.7E-08 ± 2.2E-08	µCi/mL	GE
2	Nonvolatile beta	4.7E-06 ± 9.9E-08	µCi/mL	GE
0	Total activity	1.3E-02 ± 8.3E-05	µCi/mL	EM
2	Total radium	8.4E-08 ± 1.1E-08	µCi/mL	GE
2	Tritium	1.2E-02 ± 1.6E-05	µCi/mL	GE

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 12:30
Depth to water: 13.39 ft (4.08 m) below TOC — pH: 5.4
Water elevation: 222.61 ft (67.85 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 600 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 154 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
2	Specific conductance	530	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aluminum	86	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	88	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	29,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	3,940	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE

ANALYTICAL RESULTS

WELL HSB137C collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	5,500	µg/L	GE
2	Manganese	87	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	8.5	µg/L	GE
2	Nitrate as nitrogen	58,800	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	72,000	µg/L	GE
0	Sulfate	3,920	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	402,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	43	µg/L	GE
0	Gross alpha	3.0E-09 ± 9.5E-09	µCi/mL	GE
2	Nonvolatile beta	1.9E-07 ± 3.7E-08	µCi/mL	GE
0	Total activity	9.7E-03 ± 6.5E-05	µCi/mL	EM
1	Total radium	4.0E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	1.2E-02 ± 1.6E-05	µCi/mL	GE

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 10:00
Depth to water: 11.79 ft (3.59 m) below TOC — pH: 5.0
Water elevation: 224.81 ft (68.52 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 153 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Aluminum	85	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,490	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE

WELL HSB137D collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	44	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.8	µg/L	GE
0	Lead	4.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,800	µg/L	GE
2	Manganese	52	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.0	µg/L	GE
2	Nitrate as nitrogen	11,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	580	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,000	µg/L	GE
0	Sulfate	2,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	84,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	51	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.5E-07 ± 1.0E-08	µCi/mL	GE
0	Total activity	3.5E-03 ± 5.8E-05	µCi/mL	EM
1	Total radium	4.0E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	4.6E-03 ± 9.7E-06	µCi/mL	GE

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 15:35
Depth to water: 25.35 ft (7.73 m) below TOC — pH: 5.9
Water elevation: 227.05 ft (69.21 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 83 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,740	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL HSB138D collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	130	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	4,440	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	14,000	µg/L	GE
0	Sulfate	7,660	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	57,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	9.0E-09 ± 3.4E-09	µCi/mL	GE
0	Total activity	5.4E-04 ± 2.0E-05	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 3.7E-08	µCi/mL	GE

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91
Depth to water: 60.52 ft (18.45 m) below TOC
Water elevation: 173.18 ft (52.79 m) msl
Sp. conductance: 238 µS/cm
Water evacuated before sampling: 225 gal
Time: 17:15
pH: 7.5
Alkalinity: 98 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.3	pH	GE
0	Specific conductance	202	µS/cm	GE
0	Aluminum	24	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	36,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,470	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE

WELL HSB139A collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	26	µg/L	GE
0	Lead	2.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	880	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	33,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	4,050	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	152,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	8.1	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 4.8E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91
Depth to water: 18.54 ft (5.65 m) below TOC
Water elevation: 215.26 ft (65.61 m) msl
Sp. conductance: 410 µS/cm
Water evacuated before sampling: 30 gal
The well went dry during purging
Time: 10:25
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
2	Specific conductance	1,040	µS/cm	GE
1	Aluminum	140	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	74	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	18,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	5,420	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	4.0	µg/L	GE
0	Copper	5.1	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	7,000	µg/L	GE
2	Manganese	250	µg/L	GE
1	Mercury	1.2	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	10	µg/L	GE
2	Nitrate as nitrogen	44,200	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE

ANALYTICAL RESULTS

WELL HSB139C collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	50,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	11	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	347,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	44	µg/L	GE
0	Total phosphates (as P)	140	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	47	µg/L	GE
2	Gross alpha	2.0E-08 ± 1.5E-08	µCi/mL	GE
2	Nonvolatile beta	6.4E-08 ± 2.5E-08	µCi/mL	GE
0	Total activity	2.8E-03 ± 1.1E-05	µCi/mL	EM
0	Total radium	1.0E-08 ± 2.4E-09	µCi/mL	GE
2	Tritium	3.9E-03 ± 9.0E-06	µCi/mL	GE

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 16:55
Depth to water: 9.24 ft (2.82 m) below TOC — pH: 4.7
Water elevation: 224.56 ft (68.45 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Aluminum	48	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	770	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,040	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	15	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	510	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	530	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	1,510	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE

WELL HSB139D collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	16	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	4.6E-05 ± 1.0E-06	µCi/mL	GE

WELL HSB140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 12:25
Depth to water: 60.82 ft (18.57 m) below TOC — pH: 7.1
Water elevation: 174.98 ft (53.33 m) msl — Alkalinity: 62 mg/L
Sp. conductance: 179 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 249 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	pH	7.5	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Specific conductance	158	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	68	mg/L	GE
0	Alkalinity (as $CaCO_3$)	69	mg/L	GE
0	Aluminum	50	µg/L	GE
0	Aluminum	48	µg/L	GE
1	Antimony	3.8	µg/L	GE
1	Antimony	3.5	µg/L	GE
0	Arsenic	3.3	µg/L	GE
0	Arsenic	3.6	µg/L	GE
0	Barium	38	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	27,000	µg/L	GE
0	Calcium	27,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,010	µg/L	GE
0	Chloride	2,530	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE

WELL HSB140A collected on 04/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	140	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	9.7	µg/L	GE
0	Iron	9.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	850	µg/L	GE
0	Magnesium	850	µg/L	GE
0	Manganese	19	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,600	µg/L	GE
0	Potassium	4,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	27,000	µg/L	GE
0	Silica	27,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,100	µg/L	GE
0	Sodium	8,100	µg/L	GE
0	Sulfate	10,400	µg/L	GE
0	Sulfate	10,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	119,000	µg/L	GE
0	Total dissolved solids	131,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	280	µg/L	GE
0	Total phosphates (as P)	270	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 3.3E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91
Depth to water: 29.08 ft (8.86 m) below TOC
Water elevation: 206.52 ft (62.95 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 144 gal

Time: 12:45
pH: 5.7
Alkalinity: 4 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.0	mg/L	GE
0	Aluminum	<20	µg/L	GE

WELL HSB140C collected on 04/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,030	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	540	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07 ± 4.0E-07	µCi/mL	GE

WELL HSB140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91
Depth to water: 19.40 ft (5.91 m) below TOC
Water elevation: 216.80 ft (66.08 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 61 gal

Time: 12:00
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
0	Aluminum	55	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	470	µg/L	GE

ANALYTICAL RESULTS

WELL HSB140D collected on 04/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,540	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	4.7	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	530	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,200	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	4.6	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 12:25
Depth to water: 80.31 ft (24.48 m) below TOC — pH: 11.4
Water elevation: 174.29 ft (53.12 m) msl — Alkalinity: 160 mg/L
Sp. conductance: 725 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 495 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	480	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	137	mg/L	GE
2	Aluminum	2,500	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	45	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	45,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,120	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE

WELL HSB141A collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	8.4	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	23	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	12,000	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,300	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	5,660	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	124,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	4.1	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.0E-09 ± 3.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.2E-08 ± 3.0E-07	µCi/mL	GE

WELL HSB141C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 10:00
Depth to water: 24.75 ft (7.54 m) below TOC — pH: 11.9
Water elevation: 229.95 ft (70.09 m) msl — Alkalinity: 647 mg/L
Sp. conductance: 2660 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 42 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	2,100	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	640	mg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,670	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,860	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE

WELL HSB141C collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	288	µg/L	GE
0	Iron	7.1	µg/L	GE
0	Iron	8.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	39	µg/L	GE
0	Magnesium	37	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	182	µg/L	GE
0	Potassium	15,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,840	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,900	µg/L	GE
0	Sulfate	18,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	575,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	22	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.1	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	5.7E-09 ± 6.7E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 1.1E-08	µCi/mL	GE
0	Total activity	1.0E-05 ± 1.2E-06	µCi/mL	EM
2	Total radium	8.2E-09 ± 3.9E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL HSB141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 9.45 ft (2.88 m) below TOC
Water elevation: 245.35 ft (74.78 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 19 gal
The well went dry during purging
Time: 9:45
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.1	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.0	mg/L	GE
0	Aluminum	33	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	80	µg/L	GE
0	Barium	3.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	89,300	µg/L	GE
0	Calcium	440	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,540	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.8	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE

WELL HSB141D collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	39	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,260	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sodium	1,910	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	51	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	11	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.8E-05 ± 1.6E-06	µCi/mL	EM
0	Total radium	1.6E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	3.2E-05 ± 8.0E-07	µCi/mL	GE

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91
Depth to water: 5.04 ft (1.54 m) below TOC
Water elevation: 198.96 ft (60.64 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 98 gal
Time: 10:45
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE

ANALYTICAL RESULTS

WELL HSB142C collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	5.1	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Manganese	7.7	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	3.2	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	12	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	8.7E-07 ± 1.1E-06	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91
Depth to water: 5.61 ft (1.71 m) below TOC
Water elevation: 198.59 ft (60.53 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging

Time: 11:05
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	68	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,760	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
2	Iron	480	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	680	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	< 0.20	µg/L	GE

WELL HSB142D collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,300	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	5,600	µg/L	GE
0	Sulfate	8,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	59,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	4.0E-04 ± 4.7E-06	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07 ± 3.0E-07	µCi/mL	GE

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91
Depth to water: 12.50 ft (3.81 m) below TOC
Water elevation: 209.70 ft (63.92 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 139 gal

Time: 9:30
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	9.0	mg/L	GE
0	Aluminum	21	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,600	µg/L	GE

WELL HSB143C collected on 04/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sulfate	1,140	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
1	Tritium	1.8E-05 ± 8.0E-07	µCi/mL	GE

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 9:10
Depth to water: 9.09 ft (2.77 m) below TOC — pH: 4.7
Water elevation: 213.81 ft (65.17 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
0	Aluminum	52	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.4	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	410	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	8.3	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	1,060	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE

WELL HSB143D collected on 04/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
1	Tritium	1.9E-05 ± 8.0E-07	µCi/mL	GE

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 11:35
Depth to water: 85.35 ft (19.02 m) below TOC — pH: 8.0
Water elevation: 170.25 ft (51.88 m) msl — Alkalinity: 50 mg/L
Sp. conductance: 198 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 242 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	pH	7.8	pH	GE
0	Specific conductance	198	µS/cm	GE
0	Specific conductance	198	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	83	mg/L	GE
0	Alkalinity (as $CaCO_3$)	83	mg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	42	µg/L	GE
0	Barium	41	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	28,000	µg/L	GE
0	Calcium	27,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,710	µg/L	GE
0	Chloride	2,840	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	5.4	µg/L	GE
0	Copper	4.9	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB144A collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0000	µg/L	GE
0	Endrin	< 0.0000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	84	µg/L	GE
0	Iron	52	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	1,200	µg/L	GE
0	Magnesium	1,200	µg/L	GE
2	Manganese	98	µg/L	GE
2	Manganese	84	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	24,000	µg/L	GE
0	Silica	23,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	7,200	µg/L	GE
0	Sodium	7,200	µg/L	GE
0	Sulfate	8,040	µg/L	GE
0	Sulfate	8,070	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	130,000	µg/L	GE
0	Total dissolved solids	120,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	240	µg/L	GE
0	Total phosphates (as P)	240	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	80	µg/L	GE
0	Zinc	78	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
1	Nonvolatile beta	3.7E-08 ± 2.4E-08	µCi/ml	GE
1	Nonvolatile beta	2.6E-08 ± 2.2E-08	µCi/ml	GE
0	Total activity	3.5E-03 ± 4.4E-05	µCi/ml	EM
0	Total radium	< 1.0E-09	µCi/ml	GE
0	Total radium	2.4E-09 ± 9.0E-10	µCi/ml	GE
2	Tritium	3.8E-03 ± 8.8E-08	µCi/ml	GE
2	Tritium	3.7E-03 ± 8.7E-08	µCi/ml	GE

WELL HSB145C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 21.61 ft (6.59 m) below TOC
Water elevation: 214.09 ft (65.26 m) msl
Sp. conductance: 375 µS/cm
Water evacuated before sampling: 134 gal

Time: 13:50
pH: 6.4
Alkalinity: 30 mg/L
Water temperature: 16.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
1	Specific conductance	410	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	30	mg/L	GE

WELL HSB145C collected on 04/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aluminum	47	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	84	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	30,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	27,000	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	7,000	µg/L	GE
2	Manganese	105	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	4.7	µg/L	GE
2	Nitrate as nitrogen	30,300	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	3,200	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	34,000	µg/L	GE
0	Sulfate	1,080	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	15	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	360,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	30	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	2.1	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	20	µg/L	GE
0	Gross alpha	2.2E-09 ± 3.7E-09	µCi/ml	GE
1	Nonvolatile beta	3.9E-08 ± 8.1E-09	µCi/ml	GE
0	Total activity	1.6E-03 ± 2.7E-05	µCi/ml	EM
0	Total radium	< 1.0E-09	µCi/ml	GE
2	Tritium	2.2E-03 ± 8.7E-08	µCi/ml	GE

WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91
Depth to water: 14.61 ft (4.45 m) below TOC
Water elevation: 221.50 ft (67.54 m) msl
Sp. conductance: 370 µS/cm
Water evacuated before sampling: 166 gal

Time: 13:35
pH: 5.9
Alkalinity: 22 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.2	pH	GE
1	Specific conductance	400	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	20	mg/L	GE
1	Aluminum	170	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	157	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE

WELL HSB145D collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	14	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0000	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	5.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,300	µg/L	GE
2	Manganese	812	µg/L	GE
1	Mercury	1.7	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.0	µg/L	GE
2	Nitrate as nitrogen	31,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	7,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,810	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	48,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	259,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	4.8E-07 ± 2.4E-08	µCi/mL	GE
0	Total activity	1.8E-03 ± 2.8E-05	µCi/mL	EM
2	Total radium	1.9E-08 ± 6.0E-09	µCi/mL	GE
2	Total radium	2.0E-08 ± 7.3E-09	µCi/mL	GE
2	Tritium	2.2E-03 ± 6.7E-08	µCi/mL	GE

WELL HSB146A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 15:25
Depth to water: 76.29 ft (23.25 m) below TOC — pH: 8.1
Sp. conductance: 220 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 256 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.4	pH	GE
0	Specific conductance	212	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	105	mg/L	GE
1	Aluminum	100	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	44,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,580	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE

WELL HSB146A collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0000	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	750	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	28,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,200	µg/L	GE
0	Sulfate	4,560	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	121,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.5E-09	µCi/mL	GE
0	Total activity	4.8E-07 ± 1.0E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.5E-08 ± 3.0E-07	µCi/mL	GE

WELL HSB146C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 8:15
Depth to water: 41.87 ft (12.76 m) below TOC — pH: 10.8
Water elevation: 210.43 ft (64.14 m) msl — Alkalinity: 53 mg/L
Sp. conductance: 188 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 56 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	127	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	54	mg/L	GE
2	Aluminum	1,030	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	52	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,150	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.3	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB146C collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	190	µg/L	GE
0	Manganese	4.3	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	500	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	7,400	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,370	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	10,000	µg/L	GE
0	Sulfate	3,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	60,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	58	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	1.4	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	13	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.0E-09 ± 2.8E-09	µCi/mL	GE
0	Total activity	1.6E-05 ± 1.1E-05	µCi/mL	EM
0	Total radium	1.3E-09 ± 2.5E-09	µCi/mL	GE
1	Tritium	1.6E-05 ± 8.0E-07	µCi/mL	GE

WELL HSB146D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 27.47 ft (8.37 m) below TOC
Water elevation: 225.63 ft (68.77 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging

Time: 8:55
pH: 5.7
Alkalinity: 5 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	9.0	mg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,890	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,390	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	5.1	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE

WELL HSB146D collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	522	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	4.8	µg/L	GE
0	Nitrate as nitrogen	430	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	522	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,720	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	9,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	1.1	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	30	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	2.6E-05 ± 1.1E-05	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
2	Tritium	2.3E-05 ± 7.0E-07	µCi/mL	GE

WELL HSB147D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 33.86 ft (10.32 m) below TOC
Water elevation: 233.44 ft (71.15 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging

Time: 10:25
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.0	mg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	9.9	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,570	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,860	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	9.4	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	3.1	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE

WELL HSB147D collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	575	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.2	µg/L	GE
0	Nitrate as nitrogen	620	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	681	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,530	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	11,000	µg/L	GE
0	Total dissolved solids	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	126	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.2E-05 ± 1.5E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.1E-05 ± 7.0E-07	µCi/mL	GE

WELL HSB148C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91
Depth to water: 49.12 ft (14.97 m) below TOC
Water elevation: 201.78 ft (61.50 m) msl
Sp. conductance: 363 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging

Time: 8:55
pH: 11.2
Alkalinity: 89 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	322	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	105	mg/L	GE
2	Aluminum	1,600	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	43	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	26,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,750	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.4	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	180	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	67	µg/L	GE
0	Manganese	6.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL HSB148C collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	9,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,000	µg/L	GE
0	Sulfate	5,810	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.5E-09 ± 3.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE

WELL HSB148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91
Depth to water: 35.34 ft (10.77 m) below TOC
Water elevation: 215.76 ft (65.76 m) msl
Sp. conductance: 351 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 9:10
pH: 11.1
Alkalinity: 82 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	240	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	86	mg/L	GE
2	Aluminum	1,500	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	24,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,160	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.9	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	8.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	76	µg/L	GE
0	Manganese	6.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	10,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,000	µg/L	GE

ANALYTICAL RESULTS

WELL HSB148D collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	4,910	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	111,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	13	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.7E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.8E-05 ± 6.0E-07	µCi/mL	GE

WELL HSB149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 Time: 12:25
Depth to water: 15.54 ft (4.74 m) below TOC pH: 4.5
Water elevation: 224.48 ft (68.42 m) msl Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
0	Aluminum	88	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	170	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.9	µg/L	GE
0	Nitrate as nitrogen	740	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	2.0	µg/L	GE
0	Total dissolved solids	23,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL HSB149D collected on 04/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB150D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 Time: 16:10
Depth to water: 11.38 ft (3.47 m) below TOC pH: 4.8
Water elevation: 227.62 ft (69.38 m) msl Alkalinity: 0 mg/L
Sp. conductance: 42 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.0	mg/L	GE
0	Aluminum	24	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	640	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,750	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	540	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	240	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	4,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL HSB150D collected on 04/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	< 2.0E-08	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07 ± 1.5E-06	µCi/mL	GE

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91
Depth to water: 4.68 ft (1.43 m) below TOC
Water elevation: 208.92 ft (63.68 m) msl
Sp. conductance: 83 µS/cm
Water evacuated before sampling: 106 gal
Time: 12:25
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	72	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
0	Aluminum	71	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,490	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	7.2	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	1,200	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
1	Nitrate as nitrogen	7,450	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	590	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	2,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	73,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	4.5	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	1.8E-03 ± 3.0E-05	µCi/mL	EM
0	Total radium	1.6E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	2.1E-03 ± 6.6E-06	µCi/mL	GE

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91
Depth to water: 5.31 ft (1.62 m) below TOC
Water elevation: 208.29 ft (63.49 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 29 gal
Time: 12:00
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 15.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
0	Aluminum	20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	7.1	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	530	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,630	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	510	µg/L	GE
0	Manganese	8.6	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,060	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	4,700	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	6.9	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	2.4E-04 ± 3.7E-06	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.7E-06 ± 2.7E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 9:55
Depth to water: 15.04 ft (4.58 m) below TOC — pH: 5.0
Water elevation: 199.08 ft (60.67 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 92 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.1E-03 ± 2.6E-05	µCi/mL	EM
0	Total activity	1.2E-03 ± 2.7E-05	µCi/mL	EM

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 9:55
Depth to water: 15.04 ft (4.58 m) below TOC — pH: 5.0
Water elevation: 199.08 ft (60.67 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 92 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	95	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	78	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,160	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	4.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,100	µg/L	GE
1	Manganese	48	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	9,130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	890	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	85,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE

WELL HSB152C collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Zinc	11	µg/L	GE
0	Gross alpha	2.6E-09 ± 1.6E-09	µCi/mL	GE
1	Nonvolatile beta	3.6E-08 ± 5.5E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	1.3E-03 ± 5.2E-08	µCi/mL	GE

WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 12:45
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 16.9°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	810	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,500	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	17	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	62	µg/L	GE
0	Lead	4.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	440	µg/L	GE
0	Manganese	21	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	11	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	1,160	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	62	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	4.4E-05 ± 1.8E-06	µCi/mL	EM
0	Total radium	2.2E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	4.7E-05 ± 1.0E-06	µCi/mL	GE

WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 9:25
Depth to water: 37.88 ft (11.55 m) below TOC — pH: 5.8
Water elevation: 272.22 ft (82.97 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 27 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Chloride	1,870	µg/L	GE
0	Chloride	1,880	µg/L	GE
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrate as nitrogen	880	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	1,660	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE

WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 14:50
Depth to water: 32.83 ft (10.01 m) below TOC — pH: 5.0
Water elevation: 271.57 ft (82.78 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 97 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Chloride	2,370	µg/L	GE
0	Nitrate as nitrogen	1,240	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	1,880	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE

WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 14:50
Depth to water: 32.83 ft (10.01 m) below TOC — pH: 5.0
Water elevation: 271.57 ft (82.78 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 97 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Chloride	2,440	µg/L	GE
0	Nitrate as nitrogen	1,120	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	1,850	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE

WELL HSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/02/91 — Time: 14:10
Depth to water: 25.07 ft (7.64 m) below TOC — pH: 4.4
Water elevation: 284.73 ft (86.79 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Chloride	3,170	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	1,950	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 10:10
Depth to water: 8.00 ft (2.44 m) below TOC — pH: 7.0
Water elevation: 274.00 ft (83.52 m) msl
Sp. conductance: 249 µS/cm — Water temperature: 25.9°C
No water was evacuated before sampling.

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 11:10
Depth to water: 6.20 ft (1.89 m) below TOC — pH: 8.9
Water elevation: 275.80 ft (84.00 m) msl
Sp. conductance: 212 µS/cm — Water temperature: 25.4°C
No water was evacuated before sampling.

WELL HTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 11:00
Depth to water: 4.50 ft (1.37 m) below TOC — pH: 7.2
Water elevation: 276.20 ft (84.19 m) msl
Sp. conductance: 253 µS/cm — Water temperature: 26.1°C
No water was evacuated before sampling.

WELL HTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 10:50
Depth to water: 7.50 ft (2.29 m) below TOC — pH: 6.9
Water elevation: 275.40 ft (83.94 m) msl
Sp. conductance: 153 µS/cm — Water temperature: 25.0°C
No water was evacuated before sampling.

WELL HTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: Not available
Inaccessibility or pump failure prevented sample collection.

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: Not available
Inaccessibility or pump failure prevented sample collection.

WELL HTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 9:50
Depth to water: 28.80 ft (8.78 m) below TOC — pH: 5.5
Water elevation: 276.50 ft (84.28 m) msl
Sp. conductance: 137 µS/cm — Water temperature: 22.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Barium	97	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Lead	19	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	450	µg/L	GE
0	Nitrate as nitrogen	450	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,970	µg/L	GE
0	Gross alpha	2.0E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	9.5E-09 ± 3.3E-09	µCi/mL	GE
2	Total radium	9.2E-09 ± 4.3E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL HTF 7 collected on 04/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	8.8E-06 ± 4.0E-07	µCi/mL	GE

WELL HTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: Not available
Inaccessibility or pump failure prevented sample collection.

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 Time: 11:00
Depth to water: 49.80 ft (15.18 m) below TOC pH: 6.8
Water elevation: 274.20 ft (83.58 m) msl
Sp. conductance: 87 µS/cm Water temperature: 28.8°C
No water was evacuated before sampling.

WELL HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 Time: 10:50
Depth to water: 49.00 ft (14.94 m) below TOC pH: 6.4
Water elevation: 273.70 ft (83.42 m) msl
Sp. conductance: 155 µS/cm Water temperature: 26.2°C
No water was evacuated before sampling.

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 Time: 10:30
Depth to water: 48.50 ft (14.78 m) below TOC pH: 6.7
Water elevation: 274.30 ft (83.61 m) msl
Sp. conductance: 79 µS/cm Water temperature: 26.8°C
No water was evacuated before sampling.

WELL HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 10:15
Depth to water: 49.10 ft (14.97 m) below TOC pH: 6.6
Water elevation: 273.80 ft (83.46 m) msl
Sp. conductance: 50 µS/cm Water temperature: 27.8°C
No water was evacuated before sampling.

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 10:30
Depth to water: 49.80 ft (15.21 m) below TOC pH: 6.5
Water elevation: 274.50 ft (83.67 m) msl
Sp. conductance: 31 µS/cm Water temperature: 25.5°C
No water was evacuated before sampling.

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 10:35
Depth to water: 50.20 ft (15.30 m) below TOC pH: 6.8
Water elevation: 273.70 ft (83.42 m) msl
Sp. conductance: 51 µS/cm Water temperature: 26.4°C
No water was evacuated before sampling.

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 14:30
Depth to water: 48.50 ft (14.78 m) below TOC pH: 6.2
Water elevation: 274.00 ft (83.52 m) msl
Sp. conductance: 81 µS/cm Water temperature: 26.8°C
No water was evacuated before sampling.

WELL HTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 Time: 10:00
Depth to water: 29.80 ft (9.08 m) below TOC pH: 5.5
Water elevation: 270.50 ft (82.45 m) msl
Sp. conductance: 49 µS/cm Water temperature: 24.1°C
No water was evacuated before sampling.

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 Time: 9:40
Depth to water: 27.00 ft (8.23 m) below TOC pH: 6.1
Water elevation: 263.20 ft (80.22 m) msl
Sp. conductance: 67 µS/cm Water temperature: 23.5°C
No water was evacuated before sampling.

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 Time: 14:30
Depth to water: 51.20 ft (15.61 m) below TOC pH: 6.8
Water elevation: 272.50 ft (83.06 m) msl
Sp. conductance: 55 µS/cm Water temperature: 26.2°C
No water was evacuated before sampling.

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 Time: 14:10
Depth to water: 54.60 ft (16.64 m) below TOC pH: 7.2
Water elevation: 270.20 ft (82.36 m) msl
Sp. conductance: 38 µS/cm Water temperature: 28.1°C
No water was evacuated before sampling.

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 Time: 13:50
Depth to water: 55.30 ft (16.86 m) below TOC pH: 6.9
Water elevation: 269.60 ft (82.18 m) msl
Sp. conductance: 58 µS/cm Water temperature: 29.2°C
No water was evacuated before sampling.

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 Time: 14:00
Depth to water: 54.50 ft (16.61 m) below TOC pH: 6.9
Water elevation: 270.20 ft (82.36 m) msl
Sp. conductance: 49 µS/cm Water temperature: 27.6°C
No water was evacuated before sampling.

WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 13:30
Depth to water: 57.00 ft (17.37 m) below TOC pH: 6.8
Water elevation: 276.50 ft (84.28 m) msl
Sp. conductance: 238 µS/cm Water temperature: 25.7°C
No water was evacuated before sampling.

WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 13:20
Depth to water: 58.50 ft (17.83 m) below TOC pH: 6.6
Water elevation: 275.50 ft (83.97 m) msl
Sp. conductance: 124 µS/cm Water temperature: 26.6°C
No water was evacuated before sampling.

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 13:10
Depth to water: 59.10 ft (18.01 m) below TOC pH: 6.5
Water elevation: 274.80 ft (83.76 m) msl
Sp. conductance: 45 µS/cm Water temperature: 27.4°C
No water was evacuated before sampling.

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 12:55
Depth to water: 59.70 ft (18.20 m) below TOC pH: 6.7
Water elevation: 274.60 ft (83.70 m) msl
Sp. conductance: 42 µS/cm Water temperature: 29.0°C
No water was evacuated before sampling.

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 Time: 14:40
Depth to water: 60.40 ft (18.41 m) below TOC pH: 7.3
Water elevation: 275.10 ft (83.85 m) msl
Sp. conductance: 54 µS/cm Water temperature: 27.1°C
No water was evacuated before sampling.

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 12:40
Depth to water: 56.00 ft (17.07 m) below TOC pH: 5.3
Water elevation: 277.10 ft (84.45 m) msl
Sp. conductance: 131 µS/cm Water temperature: 28.0°C
No water was evacuated before sampling.

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 13:55
Depth to water: 56.90 ft (17.34 m) below TOC pH: 6.2
Water elevation: 276.80 ft (84.37 m) msl
Sp. conductance: 35 µS/cm Water temperature: 23.3°C
No water was evacuated before sampling.

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 13:40
Depth to water: 56.30 ft (17.16 m) below TOC pH: 6.8
Water elevation: 277.20 ft (84.49 m) msl
Sp. conductance: 80 µS/cm Water temperature: 23.6°C
No water was evacuated before sampling.

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 14:10
Depth to water: 50.90 ft (15.51 m) below TOC pH: 6.9
Water elevation: 276.80 ft (84.37 m) msl
Sp. conductance: 57 µS/cm Water temperature: 23.9°C
No water was evacuated before sampling.

WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: 12:30
Depth to water: 53.70 ft (16.37 m) below TOC pH: 6.8
Water elevation: 275.40 ft (83.94 m) msl
Sp. conductance: 39 µS/cm Water temperature: 27.1°C
No water was evacuated before sampling.

WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 Time: Not available
Inaccessibility or pump failure prevented sample collection.

WELL HWS 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 Time: 16:40
Depth to water: 80.98 ft (24.68 m) below TOC pH: 4.7
Water elevation: 243.84 ft (74.28 m) msl Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

WELL HWS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/15/91 Time: 14:15
Depth to water: 78.83 ft (24.03 m) below TOC pH: 4.5
Water elevation: 244.37 ft (74.48 m) msl Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 76 gal

WELL HXB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/91 Time: 14:35
Depth to water: 54.65 ft (16.66 m) below TOC pH: 4.8
Water elevation: 251.55 ft (76.67 m) msl Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 98 gal

WELL HXB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 Time: 13:10
Depth to water: 51.71 ft (15.76 m) below TOC pH: 4.8
Water elevation: 252.69 ft (77.02 m) msl Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 107 gal

ANALYTICAL RESULTS

WELL HXB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/27/91 — Time: 14:15
Depth to water: 51.98 ft (15.84 m) below TOC — pH: 4.8
Water elevation: 252.22 ft (76.88 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 105 gal

WELL HXB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 12:25
Depth to water: 54.72 ft (16.68 m) below TOC — pH: 6.5
Water elevation: 252.28 ft (76.90 m) msl — Alkalinity: 50 mg/L
Sp. conductance: 131 µS/cm — Water temperature: 21.0°C
Water evacuatnd before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,900	µg/L	GE
0	Chloride	2,590	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	377	µg/L	GE
1	Manganese	27	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,020	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	4,530	µg/L	GE
0	Total dissolved solids	44,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	32	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	1.1E-05 ± 1.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.6E-06 ± 5.0E-07	µCi/mL	GE

WELL HXB 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 12:45
Depth to water: 56.83 ft (17.32 m) below TOC — pH: 5.9
Water elevation: 251.97 ft (76.80 m) msl — Alkalinity: 23 mg/L
Sp. conductance: 79 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	71	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,180	µg/L	GE
0	Chloride	2,740	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	497	µg/L	GE
2	Manganese	55	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	890	µg/L	GE

WELL HXB 5D collected on 05/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	707	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,250	µg/L	GE
0	Sulfate	2,900	µg/L	GE
0	Total dissolved solids	62,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	19	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.7E-09	µCi/mL	GE
0	Total activity	1.5E-04 ± 3.1E-08	µCi/mL	EM
0	Total radium	1.0E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	1.5E-04 ± 1.8E-08	µCi/mL	GE

WELL IDB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 9:25
Depth to water: 107.75 ft (32.84 m) below TOC — pH: 11.9
Water elevation: 189.05 ft (57.62 m) msl — Alkalinity: 262 mg/L
Sp. conductance: 1123 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 22 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,000	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	222	mg/L	GE
2	Aluminum	4,740	µg/L	GE
1	Antimony	4.5	µg/L	GE
0	Barium	125	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	38,700	µg/L	GE
0	Chloride	1,840	µg/L	GE
0	Chloride	1,820	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	200	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	3.1	µg/L	GE
0	Magnesium	5.0	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Silica	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,840	µg/L	GE
0	Sulfate	15,300	µg/L	GE
0	Sulfate	15,300	µg/L	GE
0	Total carbon	1,000	µg/L	GE
0	Total dissolved solids	270,000	µg/L	GE
0	Total inorganic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	11	µg/L	GE
0	Zinc	2.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 9:35
Depth to water: 112.00 ft (34.14 m) below TOC — pH: 10.3
Water elevation: 185.30 ft (56.48 m) msl — Alkalinity: 38 mg/L
Sp. conductance: 117 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	10.0	pH	GE
0	Specific conductance	101	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	51	mg/L	GE
0	Aluminum	97	µg/L	GE

WELL IDB 1B collected on 05/21/91, laboratory analyses (cont)

F	Analyte	Result	Unit	Lab
2	Antimony	8.6	µg/L	GE
0	Barium	32	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12,000	µg/L	GE
0	Chloride	2,070	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	130	µg/L	GE
0	Iron	5.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	137	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	7.0	µg/L	GE
0	Potassium	8,270	µg/L	GE
0	Silica	32,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,470	µg/L	GE
0	Sulfate	9,380	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	71,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.8E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 10:00
Depth to water: 54.29 ft (16.55 m) below TOC — pH: 5.2
Water elevation: 242.91 ft (74.04 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 123 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	6.2	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	937	µg/L	GE
0	Chloride	1,540	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	301	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	750	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,060	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,290	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	6,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	9.0E-07 ± 2.9E-07	µCi/mL	GE

WELL IDB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 15:45
Depth to water: 115.75 ft (35.28 m) below TOC — pH: 5.7
Water elevation: 188.55 ft (57.47 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 588 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.2	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	10	mg/L	GE
0	Aluminum	24	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,180	µg/L	GE
0	Chloride	1,470	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
2	Iron	1,000	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	229	µg/L	GE
1	Manganese	28	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	14	µg/L	GE
0	Potassium	753	µg/L	GE
0	Silica	11,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,000	µg/L	GE
0	Sulfate	9,460	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	49,000	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	17	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 15:30
Depth to water: 128.13 ft (39.05 m) below TOC — pH: 11.2
Water elevation: 177.57 ft (54.12 m) msl — Alkalinity: 133 mg/L
Sp. conductance: 593 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 162 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	Specific conductance	500	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	144	mg/L	GE
2	Aluminum	1,200	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	62	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	55,200	µg/L	GE
0	Chloride	1,750	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	26	µg/L	GE
0	Manganese	4.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	Nitrite as nitrogen	20	µg/L	GE
0	Phenols	7.0	µg/L	GE
0	Potassium	4,230	µg/L	GE
0	Silica	11,900	µg/L	GE

ANALYTICAL RESULTS

WELL IDB 2B collected on 05/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	3,950	µg/L	GE
0	Sulfate	1,780	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	182,000	µg/L	GE
0	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	20	µg/L	GE
0	Zinc	2.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.5E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 Time: 16:00
Depth to water: 70.09 ft (21.36 m) below TOC pH: 10.4
Water elevation: 236.31 ft (72.03 m) msl Alkalinity: 77 mg/L
Sp. conductance: 171 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 101 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	52	mg/L	GE
2	Aluminum	311	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	57	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	25,300	µg/L	GE
0	Chloride	1,890	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	57	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	332	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	580	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	9.0	µg/L	GE
0	Potassium	1,650	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,010	µg/L	GE
0	Sulfate	2,430	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 Time: 16:20
Depth to water: 88.15 ft (26.87 m) below TOC pH: 11.0
Water elevation: 238.75 ft (72.16 m) msl Alkalinity: 123 mg/L
Sp. conductance: 433 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 4 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	400	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	130	mg/L	GE
2	Aluminum	838	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	147	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	26,000	µg/L	GE
0	Chloride	2,100	µg/L	GE
1	Chromium	86	µg/L	GE

WELL IDB 3 collected on 05/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	180	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	17	µg/L	GE
0	Magnesium	40	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Mercury	0.47	µg/L	GE
0	Nickel	7.5	µg/L	GE
0	Nitrate as nitrogen	610	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	8,960	µg/L	GE
0	Silica	8,420	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	24,200	µg/L	GE
0	Sulfate	10,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	156,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total phosphates (as P)	87	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 3.6E-09	µCi/mL	GE
0	Total activity	1.6E-08 ± 1.2E-08	µCi/mL	EM
0	Tritium	2.8E-08 ± 3.0E-07	µCi/mL	GE

WELL IDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 Time: 13:45
Depth to water: 68.45 ft (20.25 m) below TOC pH: 5.6
Water elevation: 250.15 ft (76.25 m) msl Alkalinity: 5 mg/L
Sp. conductance: 24 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.4	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	9.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,640	µg/L	GE
0	Chloride	940	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
1	Lead	11	µg/L	GE
0	Magnesium	170	µg/L	GE
0	Manganese	4.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	590	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	5,890	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,190	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL IDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 13:05
Depth to water: 74.32 ft (22.65 m) below TOC — pH: 8.1
Water elevation: 247.58 ft (75.46 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.8	pH	GE
0	Specific conductance	33	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	14	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,140	µg/L	GE
0	Chloride	1,850	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
1	Lead	13	µg/L	GE
0	Magnesium	158	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	7.4	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	944	µg/L	GE
0	Silica	5,320	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,040	µg/L	GE
0	Sulfate	1,370	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	90,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	57	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	2.2E-08 ± 3.0E-07	µCi/mL	GE

WELL IDB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 17:05
Depth to water: 61.77 ft (18.83 m) below TOC — pH: 5.7
Water elevation: 257.23 ft (78.40 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	8.3	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	447	µg/L	GE
0	Chloride	1,310	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	143	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	710	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	805	µg/L	GE
0	Silica	5,830	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,920	µg/L	GE
0	Sulfate	1,270	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE

WELL IDB 6 collected on 05/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total inorganic carbon	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	2.3E-08 ± 3.0E-07	µCi/mL	GE

WELL IDB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 11:30
Depth to water: 52.87 ft (16.05 m) below TOC — pH: 4.4
Water elevation: 269.73 ft (70.47 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	1.0	mg/L	GE
0	Aluminum	81	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	85	µg/L	GE
0	Chloride	3,900	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	456	µg/L	GE
0	Manganese	2.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,290	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	5,260	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,270	µg/L	GE
0	Sulfate	1,100	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	4.0E-08 ± 3.0E-07	µCi/mL	GE
0	Tritium	4.2E-08 ± 3.0E-07	µCi/mL	GE

WELL IDB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 17:55
Depth to water: 52.03 ft (15.86 m) below TOC — pH: 4.8
Water elevation: 241.07 ft (73.48 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.0	mg/L	GE
0	Aluminum	32	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	302	µg/L	GE
0	Chloride	1,100	µg/L	GE
0	Chloride	1,160	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE

ANALYTICAL RESULTS

WELL IDB 8 collected on 05/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	395	µg/L	GE
0	Manganese	8.3	µg/L	GE
	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	950	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	5,250	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,280	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	4.0E-08 ± 3.0E-07	µCi/mL	GE

WELL IDB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 Time: 12:50
Depth to water: 48.28 ft (14.72 m) below TOC pH: 8.9
Water elevation: 240.02 ft (73.18 m) msl Alkalinity: 57 mg/L
Sp. conductance: 130 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 101 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.4	pH	GE
0	Specific conductance	121	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	61	mg/L	GE
0	Aluminum	61	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,200	µg/L	GE
0	Chloride	2,250	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	557	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,800	µg/L	GE
0	Silica	5,080	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,880	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Total carbon	10,000	µg/L	GE
0	Total dissolved solids	69,000	µg/L	GE
0	Total dissolved solids	59,000	µg/L	GE
2	Total inorganic carbon	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	150	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.5E-09	µCi/mL	GE
0	Total activity	1.1E-06 ± 1.2E-06	µCi/mL	EM
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL IDB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 Time: 10:55
Depth to water: 39.20 ft (11.98 m) below TOC pH: 5.8
Water elevation: 256.51 ft (78.19 m) msl Alkalinity: 8 mg/L
Sp. conductance: 33 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 107 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.7	pH	GE
0	Specific conductance	36	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	12	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,140	µg/L	GE
0	Chloride	1,850	µg/L	GE
0	Chloride	1,940	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	633	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	0.51	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,130	µg/L	GE
0	Silica	5,670	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	9,000	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
1	Total inorganic carbon	9,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/ml	GE
0	Nonvolatile beta	8.0E-09 ± 3.3E-09	µCi/mL	GE
0	Total activity	6.2E-08 ± 1.3E-08	µCi/ml	EM
0	Tritium	5.4E-08 ± 4.0E-07	µCi/mL	GE

WELL IDB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 Time: 10:55
Depth to water: 39.29 ft (11.98 m) below TOC pH: 5.8
Water elevation: 256.51 ft (78.19 m) msl Alkalinity: 8 mg/L
Sp. conductance: 33 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 107 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.6	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	12	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,190	µg/L	GE
0	Chloride	1,910	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	632	µg/L	GE
0	Manganese	4.2	µg/L	GE
0	Mercury	0.54	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,200	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,140	µg/L	GE

WELL IDP 10 collected on 05/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	5,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,810	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Total carbon	10,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
2	Total inorganic carbon	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	5.2E-06 ± 4.0E-07	µCi/mL	GE

WELL IDP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 15:30
Depth to water: 78.66 ft (24.04 m) below TOC pH: 5.2
Water elevation: 202.14 ft (61.61 m) msl Alkalinity: 3 mg/L
Sp. conductance: 55 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	48	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.0	mg/L	GE
0	Aluminum	28	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,750	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chloride	1,920	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	958	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,140	µg/L	GE
0	Nitrate as nitrogen	3,160	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,080	µg/L	GE
0	Silica	7,170	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,490	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	63,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 Time: 15:30
Depth to water: 78.66 ft (24.04 m) below TOC pH: 5.2
Water elevation: 202.14 ft (61.61 m) msl Alkalinity: 3 mg/L
Sp. conductance: 55 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	48	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.0	mg/L	GE

WELL IDP 1 collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aluminum	29	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,810	µg/L	GE
0	Chloride	1,850	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	969	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,180	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,040	µg/L	GE
0	Silica	7,470	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,450	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	3.4E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/91 Time: 10:10
Depth to water: 62.24 ft (18.97 m) below TOC pH: 4.8
Water elevation: 195.86 ft (59.64 m) msl Alkalinity: 1 mg/L
Sp. conductance: 20 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	979	µg/L	GE
0	Chloride	1,570	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	3.0	µg/L	ET
0	Magnesium	517	µg/L	GE
0	Manganese	8.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,030	µg/L	GE
0	Nitrate as nitrogen	980	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	6,760	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,050	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	3.4E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL IDP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 14:50
Depth to water: 116.81 ft (35.60 m) below TOC — pH: 5.0
Water elevation: 167.19 ft (50.96 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 600 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.0	mg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	3,660	µg/L	GE
0	Chloride	1,920	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
2	Iron	841	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	379	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	728	µg/L	GE
0	Silica	12,300	µg/L	GE
0	Silica	12,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Sulfate	9,880	µg/L	GE
0	Total carbon	< 1,000	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total inorganic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	3.8	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL IDP 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 15:00
Depth to water: 127.52 ft (38.87 m) below TOC — pH: 10.0
Water elevation: 156.98 ft (47.85 m) msl — Alkalinity: 58 mg/L
Sp. conductance: 180 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 201 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	151	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	70	mg/L	GE
2	Aluminum	305	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	24,100	µg/L	GE
0	Chloride	1,680	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	91	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	3,780	µg/L	GE
0	Silica	16,500	µg/L	GE
0	Silica	16,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,020	µg/L	GE

WELL IDP 3B collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	3,070	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	80,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total phosphates (as P)	52	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.4E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL IDP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 15:45
Depth to water: 54.96 ft (16.75 m) below TOC — pH: 10.8
Water elevation: 230.04 ft (70.12 m) msl — Alkalinity: 110 mg/L
Sp. conductance: 358 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 14 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	330	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	104	mg/L	GE
0	Aluminum	62	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Barium	75	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	14,400	µg/L	GE
0	Chloride	1,320	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	177	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	0.48	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	810	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	22,400	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silica	10,900	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Total carbon	16,000	µg/L	GE
0	Total dissolved solids	86,000	µg/L	GE
2	Total inorganic carbon	16,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	2.8	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-08 ± 5.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08 ± 4.8E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL IDP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 13:25
The well was dry.

WELL IDP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/91 — Time: 12:35
Depth to water: 49.07 ft (14.96 m) below TOC — pH: 5.5
Water elevation: 191.73 ft (58.44 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 4 gal
There was insufficient water to fill all or some sample bottles

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.7	pH	GE
0	Aluminum	37	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,530	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iodine	470	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	283	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	719	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,050	µg/L	GE
2	Total carbon	15,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
0	Total phosphates (as P)	130	µg/L	GE
0	Total phosphates (as P)	140	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	20	µg/L	GE
0	Total activity	6.9E-06 ± 1.4E-06	µCi/mL	EM

WELL IDP 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/91 — Time: 9:45
Depth to water: 56.58 ft (17.25 m) below TOC — pH: 5.4
Water elevation: 197.11 ft (60.08 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	10	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,910	µg/L	GE
0	Chloride	3,440	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	8.2	µg/L	GE
0	Lead	<3.0	µg/L	ET
0	Lead	5.0	µg/L	GE
0	Magnesium	862	µg/L	GE
0	Manganese	7.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,600	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	9,000	µg/L	GE
1	Total dissolved solids	29,000	µg/L	GE
1	Total inorganic carbon	4,000	µg/L	GE
1	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	16	µg/L	GE

WELL IDP 5 collected on 05/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/91 — Time: 12:00
Depth to water: 61.64 ft (18.79 m) below TOC — pH: 5.3
Water elevation: 199.86 ft (60.92 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 56 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	49	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,290	µg/L	GE
0	Chloride	3,960	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.2	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	4.0	µg/L	ET
0	Magnesium	1,120	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,400	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	614	µg/L	GE
0	Silica	7,750	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,830	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	43,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	28	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	2.2E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/91 — Time: 11:30
Depth to water: 48.93 ft (14.91 m) below TOC — pH: 6.0
Water elevation: 199.57 ft (60.83 m) msl — Alkalinity: 18 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	13	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,220	µg/L	GE
0	Chloride	1,260	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.2	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	4.6	µg/L	GE
0	Lead	4.0	µg/L	ET
0	Magnesium	722	µg/L	GE
0	Manganese	3.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,000	µg/L	GE

ANALYTICAL RESULTS

WELL IDP 7 collected on 05/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	6,920	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,720	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	35,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	79	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/91 — Time: 10:45
Depth to water: 66.53 ft (20.28 m) below TOC — pH: 5.3
Water elevation: 197.87 ft (60.31 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,840	µg/L	GE
0	Chloride	1,930	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.8	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	38	µg/L	GE
0	Lead	5.0	µg/L	ET
0	Magnesium	461	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	440	µg/L	GE
0	Nitrate as nitrogen	440	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,060	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,490	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	46	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	4.1E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 13:05
Depth to water: 70.18 ft (21.39 m) below TOC — pH: 5.3
Water elevation: 201.71 ft (61.48 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 24.9°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	7.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE

WELL IDP 9 collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,130	µg/L	GE
0	Chloride	1,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	5.5	µg/L	GE
0	Lead	4.2	µg/L	GE
0	Magnesium	356	µg/L	GE
0	Manganese	5.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,130	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	998	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,760	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Total carbon	16,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
2	Total inorganic carbon	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	13	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 11:45
The well was dry.

WELL IDQ 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91 — Time: 14:40
The well was dry.

WELL IDQ 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 — Time: 11:30
Depth to water: 98.86 ft (30.13 m) below TOC — pH: 5.0
Water elevation: 164.34 ft (50.09 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 18 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	3.1	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	708	µg/L	GE
0	Chloride	3,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	120	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	277	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	5.3	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,460	µg/L	GE

WELL IDQ 2 collected on 05/16/91 laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	2,580	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	3.5E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 — Time: 10:55
Depth to water: 39.36 ft (12.00 m) below TOC — pH: 5.7
Water elevation: 165.94 ft (50.58 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 46 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 833 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Barium	11	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,520	µg/L	GE
0	Calcium	4,510	µg/L	GE
0	Calcium	4,180	µg/L	GE
0	Chloride	2,030	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iodine	520	µg/L	GE
2	Iron	1,610	µg/L	GE
2	Iron	1,500	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	389	µg/L	GE
0	Magnesium	392	µg/L	GE
0	Magnesium	386	µg/L	GE
0	Manganese	15	µg/L	GE
0	Manganese	15	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	606	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,180	µg/L	GE
0	Sodium	1,180	µg/L	GE
0	Sodium	1,180	µg/L	GE
0	Sulfate	9,420	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.8	µg/L	GE
0	Zinc	7.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	<1.0E-07	µCi/mL	GE

WELL IDQ 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 — Time: 11:10
Depth to water: 65.57 ft (19.98 m) below TOC — pH: 8.5
Water elevation: 140.03 ft (42.68 m) msl — Alkalinity: 33 mg/L
Sp. conductance: 105 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.2	pH	GE
0	Specific conductance	95	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	38	mg/L	GE
0	Aluminum	95	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,100	µg/L	GE
0	Chloride	2,210	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	180	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	421	µg/L	GE
2	Manganese	108	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,510	µg/L	GE
0	Silica	18,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,930	µg/L	GE
0	Sulfate	9,310	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	77,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	285	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	14	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 — Time: 11:00
Depth to water: 41.32 ft (12.59 m) below TOC — pH: 5.7
Water elevation: 165.18 ft (50.35 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 12 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.0	mg/L	GE
0	Aluminum	48	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,140	µg/L	GE
0	Chloride	2,350	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	9.2	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	38	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	228	µg/L	GE
0	Manganese	7.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	9,260	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,740	µg/L	GE
0	Sulfate	<1,000	µg/L	GE

WELL IDQ 3C collected on 05/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Total carbon	5,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
1	Total inorganic carbon	5,300	µg/L	GE
1	Total inorganic carbon	5,400	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total phosphates (as P)	455	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	49	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91
Depth to water: 67.84 ft (20.68 m) below TOC
Water elevation: 197.66 ft (60.25 m) msl
Sp. conductance: 69 µS/cm
Water evacuated before sampling: 32 gal
Time: 14:20
pH: 8.7
Alkalinity: 24 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.5	pH	GE
0	Specific conductance	62	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	27	mg/L	GE
2	Aluminum	374	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Barium	4.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	10,900	µg/L	GE
0	Chloride	2,620	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	8.1	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	131	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	8,470	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,850	µg/L	GE
0	Sulfate	2,430	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	3.4	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.8E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91
Depth to water: 73.02 ft (22.26 m) below TOC
Water elevation: 194.18 ft (59.19 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging
Time: 12:05
pH: 5.8
Alkalinity: 5 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	15	mg/L	GE
0	Aluminum	23	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Barium	13	µg/L	GE

WELL IDQ 5 collected on 05/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Beryllium	< 5.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,150	µg/L	GE
0	Calcium	1,150	µg/L	GE
0	Calcium	1,090	µg/L	GE
0	Chloride	2,350	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	12	µg/L	GE
0	Copper	12	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	76	µg/L	GE
0	Iron	76	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	163	µg/L	GE
0	Magnesium	165	µg/L	GE
0	Magnesium	158	µg/L	GE
1	Manganese	32	µg/L	GE
1	Manganese	32	µg/L	GE
1	Manganese	30	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	5.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,610	µg/L	GE
0	Potassium	1,680	µg/L	GE
0	Silica	6,590	µg/L	GE
0	Silica	6,630	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	5,740	µg/L	GE
0	Sodium	5,780	µg/L	GE
0	Sodium	5,560	µg/L	GE
0	Sulfate	2,350	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total phosphates (as P)	63	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	101	µg/L	GE
0	Zinc	98	µg/L	GE
0	Zinc	94	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	4.4E-06 ± 1.1E-06	µCi/mL	EM
0	Tritium	3.2E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91
Depth to water: 65.37 ft (19.93 m) below TOC
Water elevation: 192.73 ft (58.74 m) msl
Sp. conductance: 222 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.
Time: 12:25
pH: 10.7
Alkalinity: 37 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	192	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	58	mg/L	GE
2	Aluminum	1,820	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	18,400	µg/L	GE
0	Chloride	1,330	µg/L	GE
0	Chromium	4.7	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	22	µg/L	GE
0	Manganese	7.4	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	170	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	3,450	µg/L	GE
0	Silica	8,580	µg/L	GE

WELL IDQ 6 collected on 05/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	4,850	µg/L	GE
0	Sulfate	5,180	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	88,000	µg/L	GE
0	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	23	µg/L	GE
0	Zinc	6.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.2E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 Time: 12:50
Depth to water: 55.19 ft (16.82 m) below TOC pH: 7.0
Water elevation: 185.41 ft (56.51 m) msl Alkalinity: 68 mg/L
Sp. conductance: 175 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	80	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	62	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	32,700	µg/L	GE
0	Chloride	1,570	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,540	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,280	µg/L	GE
0	Silica	8,060	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,040	µg/L	GE
0	Sulfate	1,530	µg/L	GE
2	Total carbon	12,000	µg/L	GE
0	Total dissolved solids	98,000	µg/L	GE
2	Total inorganic carbon	12,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	54	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91 Time: 16:35
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity: 2 mg/L
Sp. conductance: 17 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	7.1	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	709	µg/L	GE
0	Chloride	2,230	µg/L	GE
0	Chloride	1,950	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL IDQ 8 collected on 05/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.2	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	6,380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,860	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	48	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.6E-06 ± 1.0E-06	µCi/mL	EM
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91 Time: 16:15
The well was dry.

WELL IDQ 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 Time: 9:10
Depth to water: 64.00 ft (19.51 m) below TOC pH: 6.8
Water elevation: 172.50 ft (52.58 m) msl Alkalinity: 19 mg/L
Sp. conductance: 58 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	23	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	4.2	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,440	µg/L	GE
0	Calcium	7,090	µg/L	GE
0	Chloride	1,540	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	190	µg/L	GE
0	Iron	38	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	502	µg/L	GE
0	Magnesium	494	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	470	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	7.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	11,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,850	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	2,860	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	56,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	280	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	11	µg/L	GE

ANALYTICAL RESULTS

WELL IDQ 10 collected on 05/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.1E-08 ± 1.1E-08	µCi/mL	EM
0	Tritium	4.1E-08 ± 3.0E-07	µCi/mL	GE

WELL IDQ 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 — Time: 9:25
Depth to water: 71.68 ft (21.84 m) below TOC — pH: 5.3
Water elevation: 137.14 ft (41.80 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.0	mg/L	GE
0	Aluminum	28	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,560	µg/L	GE
0	Chloride	3,560	µg/L	GE
0	Chloride	3,440	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	505	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.8	µg/L	GE
0	Nitrate as nitrogen	1,300	µg/L	GE
0	Nitrate as nitrogen	950	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	7.0	µg/L	GE
0	Potassium	879	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,050	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	140	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	48	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.8E-08 ± 1.0E-08	µCi/mL	EM
0	Tritium	2.1E-08 ± 3.0E-07	µCi/mL	GE

WELL IDQ 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 — Time: 13:30
Depth to water: 56.50 ft (17.22 m) below TOC — pH: 5.4
Water elevation: 185.70 ft (56.60 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	7.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	977	µg/L	GE
0	Chloride	2,720	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE

WELL IDQ 12 collected on 05/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iodine	<100	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	198	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	250	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	8,480	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,340	µg/L	GE
0	Sulfate	4,030	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total inorganic carbon	2,700	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	28	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 3.6E-09	µCi/mL	GE
0	Total activity	7.0E-08 ± 1.1E-08	µCi/mL	EM
0	Tritium	2.8E-08 ± 3.0E-07	µCi/mL	GE

WELL IDQ 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91 — Time: 13:30
Depth to water: 56.50 ft (17.22 m) below TOC — pH: 5.4
Water elevation: 185.70 ft (56.60 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	6.8	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	986	µg/L	GE
0	Chloride	1,950	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	39	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	198	µg/L	GE
0	Manganese	7.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	300	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	8,490	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,360	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Total carbon	12,000	µg/L	GE
0	Total dissolved solids	15,000	µg/L	GE
2	Total inorganic carbon	12,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	27	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	2.8E-08 ± 3.0E-07	µCi/mL	GE

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/91 Time: 13:50
Depth to water: 58.35 ft (17.18 m) below TOC pH: 6.1
Sp. conductance: 89 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 7 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	<4.5E-08	µCi/mL	EM
0	Cerium-144	<1.1E-07	µCi/mL	EM
0	Cesium-134	<2.0E-08	µCi/mL	EM
0	Cesium-137	<1.9E-08	µCi/mL	EM
0	Chromium-51	<1.5E-06	µCi/mL	EM
0	Cobalt-60	<2.5E-08	µCi/mL	EM
0	Gross alpha	2.4E-10 ± 5.0E-10	µCi/mL	EM
0	Iodine-131	<8.3E-05	µCi/mL	EM
0	Niobium-95	<9.6E-08	µCi/mL	EM
0	Nonvolatile beta	7.8E-11 ± 7.1E-10	µCi/mL	EM
0	Ruthenium-103	<7.6E-08	µCi/mL	EM
0	Ruthenium-106	<2.2E-07	µCi/mL	EM
0	Strontium-89/90	5.2E-10 ± 1.4E-09	µCi/mL	EM
2	Tritium	3.8E-05 ± 8.0E-07	µCi/mL	GE
2	Tritium	8.5E-05 ± 2.0E-06	µCi/mL	EM
0	Zirconium-95	<8.9E-08	µCi/mL	EM

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/91 Time: 15:25
Depth to water: 58.15 ft (17.11 m) below TOC pH: 5.7
Sp. conductance: 54 µS/cm Water temperature: 24.2°C
Water evacuated before sampling: 7 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	<4.9E-08	µCi/mL	EM
0	Cerium-144	<9.2E-08	µCi/mL	EM
0	Cesium-134	<1.4E-08	µCi/mL	EM
0	Cesium-137	<1.6E-08	µCi/mL	EM
0	Chromium-51	<2.9E-07	µCi/mL	EM
0	Cobalt-60	<2.0E-08	µCi/mL	EM
0	Gross alpha	1.8E-10 ± 8.4E-10	µCi/mL	EM
0	Iodine-131	<3.8E-07	µCi/ml	EM
0	Niobium-95	<4.1E-08	µCi/ml	EM
0	Nonvolatile beta	1.2E-09 ± 8.9E-10	µCi/ml	EM
0	Ruthenium-103	<2.9E-08	µCi/mL	EM
0	Ruthenium-106	<2.1E-07	µCi/mL	EM
0	Strontium-89/90	-5.0E-10 ± 1.4E-09	µCi/mL	EM
0	Total activity	3.3E-05 ± 1.6E-06	µCi/mL	EM
2	Tritium	3.3E-05 ± 1.6E-06	µCi/ml	EM
0	Zirconium-95	<5.1E-08	µCi/ml	EM

WELL KAB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 Time: 11:15
Depth to water: 59.94 ft (18.27 m) below TOC pH: 6.0
Water elevation: 208.06 ft (62.81 m) msl Alkalinity: 30 mg/L
Sp. conductance: 305 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 16 gal
The well went dry during purging

WELL KAB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 Time: 9:45
Depth to water: 46.82 ft (14.27 m) below TOC pH: 5.3
Water elevation: 213.88 ft (65.19 m) msl Alkalinity: 3 mg/L
Sp. conductance: 52 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 40 gal

WELL KAB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 Time: 10:05
Depth to water: 45.47 ft (13.86 m) below TOC pH: 5.4
Water elevation: 204.63 ft (62.37 m) msl Alkalinity: 8 mg/L
Sp. conductance: 125 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 38 gal

WELL KAB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 Time: 10:20
Depth to water: 50.91 ft (15.52 m) below TOC pH: 6.8
Water elevation: 203.49 ft (62.02 m) msl Alkalinity: 216 mg/L
Sp. conductance: 627 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 43 gal

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 Time: 12:35
Depth to water: 45.90 ft (13.99 m) below TOC pH: 5.5
Water elevation: 220.10 ft (67.09 m) msl Alkalinity: 4 mg/L
Sp. conductance: 50 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Turbidity	1.8	NTU	GE
0	Turbidity	1.9	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Arsenic	2.2	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.0	µg/L	GE
0	Barium	6.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzidine	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	310	µg/L	GE
0	Calcium	290	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL KAC 1 collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	6,690	µg/L	GE
0	Chloride	6,620	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimetnyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE

WELL KAC 1 collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Endrin	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iron	7.2	µg/L	GE
0	Iron	7.7	µg/L	GE
0	Iron	7.2	µg/L	GE
0	Iron	8.6	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	180	µg/L	GE
0	Magnesium	170	µg/L	GE
0	Magnesium	193	µg/L	GE
0	Magnesium	194	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE

WELL KAC 1 collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,700	µg/L	GE
0	Silica	4,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,000	µg/L	GE
0	Sodium	8,600	µg/L	GE
0	Sodium	8,820	µg/L	GE
0	Sodium	8,860	µg/L	GE
0	Sodium	8,750	µg/L	GE
0	Sodium	8,820	µg/L	GE
0	Sulfate	5,530	µg/L	GE
0	Sulfate	4,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	30	µg/L	GE
1	Total organic halogens	35	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.2E-08 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.0E-08 ± 3.0E-07	µCi/mL	GE

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91 — Time: 12:35
Depth to water: 45.90 ft (13.99 m) below TOC — pH: 5.5
Water elevation: 220.10 ft (67.09 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 55 gal
Unfiltered sample

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	240	µg/L	GE
0	Calcium	239	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Iron	82	µg/L	GE
0	Iron	75	µg/L	GE
0	Lead	4.9	µg/L	GE
0	Lead	4.8	µg/L	GE
0	Magnesium	200	µg/L	GE
0	Magnesium	190	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	2.1	µg/L	GE
0	Silica	4,100	µg/L	GE
0	Silica	4,000	µg/L	GE

WELL KAC 1 collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,200	µg/L	GE
0	Sodium	9,100	µg/L	GE

WELL KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 15:10
Depth to water: 33.32 ft (10.16 m) below TOC — pH: 8.2
Water elevation: 224.18 ft (68.33 m) msl — Alkalinity: 39 mg/L
Sp. conductance: 298 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.5	pH	GE
1	Specific conductance	269	µS/cm	GE
0	Turbidity	73	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	580	µg/L	GE
0	Chloride	4,060	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	2.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	240	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	85,400	µg/L	GE
0	Sulfate	159,000	µg/L	GE
0	Total dissolved solids	203,000	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 15:45
Depth to water: 33.17 ft (10.11 m) below TOC — pH: 8.6
Water elevation: 224.63 ft (68.47 m) msl — Alkalinity: 50 mg/L
Sp. conductance: 204 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.7	pH	GE
0	pH	8.7	pH	GE
0	pH	8.7	pH	GE
0	pH	8.8	pH	GE
0	Specific conductance	198	µS/cm	GE
0	Specific conductance	199	µS/cm	GE
0	Turbidity	9.4	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,390	µg/L	GE
0	Chloride	8,450	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	145	µg/L	GE
0	Iron	122	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	657	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE

ANALYTICAL RESULTS

WELL KAC 3 collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,750	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	46,700	µg/L	GE
0	Sulfate	44,800	µg/L	GE
0	Total dissolved solids	134,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.0E-08 ± 3.0E-07	µCi/mL	GE

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 40.30 ft (12.28 m) below TOC
Water elevation: 219.70 ft (66.97 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 109 gal

Time: 10:15
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	72	µS/cm	GE
0	Turbidity	1.5	NTU	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	3.9	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	242	µg/L	GE
0	Chloride	8,800	µg/L	GE
0	Chloride	8,600	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	333	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	160	µg/L	GE
0	Nitrate as nitrogen	160	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	4,760	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,400	µg/L	GE
0	Sulfate	15,100	µg/L	GE
0	Sulfate	16,900	µg/L	GE
0	Total dissolved solids	52,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.8E-08 ± 3.0E-07	µCi/mL	GE

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 40.30 ft (12.28 m) below TOC
Water elevation: 219.70 ft (66.97 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 109 gal

Time: 10:15
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	72	µS/cm	GE
0	Turbidity	1.3	NTU	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	7.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL KAC 4 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	3,710	µg/L	GE
0	Chloride	8,750	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	462	µg/L	GE
0	Lead	7.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	422	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	4,610	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,500	µg/L	GE
0	Sulfate	16,300	µg/L	GE
0	Total dissolved solids	57,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	142	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.7E-08 ± 3.0E-07	µCi/mL	GE

WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 34.59 ft (10.54 m) below TOC
Water elevation: 224.41 ft (68.40 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 53 gal

Time: 16:45
pH: 5.6
Alkalinity: 18 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.9	pH	GE
0	pH	5.9	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	61	µS/cm	GE
0	Specific conductance	62	µS/cm	GE
0	Turbidity	3.2	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	892	µg/L	GE
0	Chloride	6,350	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	147	µg/L	GE
0	Manganese	3.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,850	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,300	µg/L	GE
0	Sulfate	18,000	µg/L	GE
0	Total dissolved solids	85,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL KAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 10:50
Depth to water: 34.83 ft (10.62 m) below TOC — pH: 5.5
Water elevation: 224.17 ft (68.33 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 112 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	82	µS/cm	GE
0	Turbidity	19	NTU	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	4.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	511	µg/L	GE
0	Chloride	8,550	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	33	µg/L	GE
0	Lead	6.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	271	µg/L	GE
0	Manganese	8.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	738	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silica	8,670	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,800	µg/L	GE
0	Sulfate	3,330	µg/L	GE
0	Total dissolved solids	57,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL KAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 11:30
Depth to water: 44.46 ft (13.55 m) below TOC — pH: 5.9
Water elevation: 220.64 ft (67.25 m) msl — Alkalinity: 26 mg/L
Sp. conductance: 684 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
1	Specific conductance	430	µS/cm	GE
0	Turbidity	73	NTU	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,290	µg/L	GE
0	Chloride	8,350	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	2,610	µg/L	GE
2	Lead	21	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	775	µg/L	GE
1	Manganese	40	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<5	µg/L	GE
0	Phenols	<5	µg/L	GE
0	Potassium	950	µg/L	GE
3	Selenium	<5.0	µg/L	ET
0	Silica	5,230	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	129,000	µg/L	GE
0	Sulfate	9,050	µg/L	GE
0	Total dissolved solids	82,000	µg/L	GE
1	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL KAC 7 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 9.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.9E-08 ± 4.0E-07	µCi/mL	GE

WELL KCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 10:35
Depth to water: 54.38 ft (16.58 m) below TOC — pH: 5.2
Water elevation: 208.02 ft (62.80 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 124 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 59 gal

WELL KCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 10:50
Depth to water: 48.81 ft (14.88 m) below TOC — pH: 4.5
Water elevation: 205.59 ft (62.66 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 55 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 47 gal

WELL KCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 11:05
Depth to water: 43.73 ft (13.33 m) below TOC — pH: 3.8
Water elevation: 204.17 ft (62.23 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 510 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 53 gal

WELL KCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 11:10
Inaccessibility or pump failure prevented sample collection

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91 — Time: 15:10
Inaccessibility or pump failure prevented sample collection

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91 — Time: 15:45
Depth to water: 65.24 ft (19.89 m) below TOC — pH: 4.7
Water elevation: 208.26 ft (63.48 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 25.0°C
Water evacuated before sampling: 68 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.1E-03 ± 2.4E-05	µCi/mL	EM
2	Tritium	1.1E-03 ± 4.6E-06	µCi/mL	GE

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91 — Time: 15:55
Depth to water: 63.39 ft (19.32 m) below TOC — pH: 6.1
Water elevation: 210.01 ft (64.01 m) msl — Alkalinity: 52 mg/L
Sp. conductance: 264 µS/cm — Water temperature: 24.5°C
Water evacuated before sampling: 21 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Tritium	9.0E-05 ± 1.9E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL KDT 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91 — Time: 10:10
Depth to water: 64.27 ft (19.59 m) below TOC — pH: 5.0
Water elevation: 208.73 ft (63.62 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 73 µS/cm — Water temperature: 23.8°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Oil & grease	3,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
1	Tetrachloroethylene	3.1	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	1.9	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Total activity	2.7E-03 ± 3.5E-05	µCi/mL	EM

WELL KRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 11:35
Depth to water: 44.93 ft (13.69 m) below TOC — pH: 4.5
Water elevation: 216.97 ft (66.14 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 31 gal

WELL KRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 11:45
Depth to water: 36.42 ft (11.10 m) below TOC — pH: 5.0
Water elevation: 219.68 ft (66.96 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 54 gal

WELL KRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 12:05
Depth to water: 33.94 ft (10.35 m) below TOC — pH: 4.9
Water elevation: 220.56 ft (67.23 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 34 gal

WELL KRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 12:25
Depth to water: 36.68 ft (11.18 m) below TOC — pH: 4.7
Water elevation: 218.92 ft (66.73 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 20 gal

WELL KSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/91 — Time: 12:45
Depth to water: 61.19 ft (18.65 m) below TOC — pH: 4.7
Water elevation: 208.21 ft (62.85 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	8.6E-10 ± 9.2E-10	µCi/mL	EM
0	Nonvolatile beta	1.5E-09 ± 1.3E-09	µCi/mL	EM
0	Strontium-89/90	7.6E-10 ± 1.8E-09	µCi/mL	EM
0	Total activity	1.7E-03 ± 3.2E-05	µCi/mL	EM
2	Tritium	1.6E-03 ± 5.7E-06	µCi/mL	GE
2	Tritium	1.3E-03 ± 7.7E-06	µCi/mL	EM

WELL KSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/91 — Time: 14:00
Depth to water: 61.02 ft (18.60 m) below TOC — pH: 4.6
Water elevation: 208.38 ft (62.91 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	< 5.4E-08	µCi/mL	EM
0	Cerium-144	< 1.1E-07	µCi/mL	EM
0	Cesium-134	< 1.9E-08	µCi/mL	EM
0	Cesium-137	< 2.1E-08	µCi/mL	EM
0	Chromium-51	< 5.2E-07	µCi/mL	EM
0	Cobalt-60	< 2.4E-08	µCi/mL	EM
0	Gross alpha	1.3E-09 ± 5.6E-10	µCi/mL	EM
0	Iodine-131	< 1.6E-08	µCi/mL	EM
0	Niobium-95	< 5.8E-08	µCi/mL	EM
0	Nonvolatile beta	1.2E-09 ± 7.8E-10	µCi/mL	EM
0	Ruthenium-103	< 4.9E-08	µCi/mL	EM
0	Ruthenium-106	< 1.9E-07	µCi/mL	EM
0	Strontium-89/90	-8.0E-10 ± 7.4E-10	µCi/mL	EM
0	Total activity	2.8E-04 ± 1.5E-05	µCi/mL	EM
2	Tritium	2.8E-04 ± 1.5E-05	µCi/mL	EM
0	Zirconium-95	< 5.5E-08	µCi/mL	EM

WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/91 — Time: 13:05
Depth to water: 59.98 ft (18.28 m) below TOC — pH: 4.4
Water elevation: 205.82 ft (62.73 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	< 5.4E-08	µCi/mL	EM
0	Cerium-144	< 1.0E-07	µCi/mL	EM
0	Cesium-134	< 1.8E-08	µCi/mL	EM
0	Cesium-137	< 1.9E-08	µCi/mL	EM
0	Chromium-51	< 3.9E-07	µCi/mL	EM
0	Cobalt-60	< 2.0E-08	µCi/mL	EM
0	Gross alpha	1.0E-10 ± 4.0E-10	µCi/mL	EM
0	Iodine-131	< 8.5E-07	µCi/mL	EM
0	Niobium-95	< 3.4E-08	µCi/mL	EM
0	Nonvolatile beta	1.7E-09 ± 8.7E-10	µCi/mL	EM
0	Ruthenium-103	< 3.5E-08	µCi/mL	EM
0	Ruthenium-106	< 1.8E-07	µCi/mL	EM
0	Strontium-89/90	8.9E-11 ± 1.3E-09	µCi/mL	EM
2	Tritium	4.5E-05 ± 1.0E-06	µCi/mL	GE
2	Tritium	3.3E-05 ± 1.4E-06	µCi/mL	EM
0	Zirconium-95	< 4.8E-08	µCi/mL	EM

WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 14:25
Depth to water: 59.64 ft (18.18 m) below TOC — pH: 4.4
Water elevation: 208.18 ft (62.84 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 23.0°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	< 4.6E-08	µCi/mL	EM
0	Cerium-144	< 1.1E-07	µCi/mL	EM
0	Cesium-134	< 1.8E-08	µCi/mL	EM
0	Cesium-137	< 1.7E-08	µCi/mL	EM
0	Chromium-51	< 4.7E-07	µCi/mL	EM
0	Cobalt-60	< 2.0E-08	µCi/mL	EM
0	Gross alpha	-1.3E-10 ± 3.6E-10	µCi/mL	EM
0	Iodine-131	< 1.5E-08	µCi/mL	EM
0	Niobium-95	< 5.4E-08	µCi/mL	EM
0	Nonvolatile beta	2.7E-11 ± 8.6E-10	µCi/mL	EM
0	Ruthenium-103	< 4.4E-08	µCi/mL	EM
0	Ruthenium-106	< 1.9E-07	µCi/mL	EM
0	Strontium-89/90	4.3E-10 ± 1.9E-09	µCi/mL	EM
0	Total activity	4.5E-05 ± 1.8E-08	µCi/mL	EM
2	Tritium	4.5E-05 ± 1.8E-08	µCi/mL	EM
0	Zirconium-95	< 3.7E-08	µCi/mL	EM

WELL KSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 14:55
Depth to water: 56.09 ft (17.10 m) below TOC — pH: 4.5
Water elevation: 205.41 ft (62.61 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 24.9°C
Water evacuated before sampling: 94 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	< 4.3E-08	µCi/mL	EM
0	Cerium-144	< 1.0E-07	µCi/mL	EM
0	Cesium-134	< 1.6E-08	µCi/mL	EM
0	Cesium-137	< 1.6E-08	µCi/mL	EM
0	Chromium-51	< 4.2E-07	µCi/mL	EM
0	Cobalt-60	< 2.2E-08	µCi/mL	EM
0	Gross alpha	0.0E+00 ± 5.0E-10	µCi/mL	EM
0	Iodine-131	< 1.7E-08	µCi/mL	EM
0	Niobium-95	< 4.9E-08	µCi/mL	EM
0	Nonvolatile beta	5.7E-10 ± 7.3E-10	µCi/mL	EM
0	Ruthenium-103	< 3.6E-08	µCi/mL	EM
0	Ruthenium-106	< 1.7E-07	µCi/mL	EM
0	Strontium-89/90	3.0E-10 ± 1.5E-09	µCi/mL	EM
0	Total activity	6.1E-05 ± 2.0E-08	µCi/mL	EM
2	Tritium	6.1E-05 ± 2.0E-08	µCi/mL	EM
0	Zirconium-95	< 5.3E-08	µCi/mL	EM

WELL KSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/91 — Time: 13:25
Depth to water: 56.19 ft (17.13 m) below TOC — pH: 4.5
Water elevation: 205.31 ft (62.58 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 93 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Antimony-125	< 4.3E-08	µCi/mL	EM
0	Cerium-144	< 1.2E-07	µCi/mL	EM
0	Cesium-134	< 1.8E-08	µCi/mL	EM
0	Cesium-137	< 2.3E-08	µCi/mL	EM
0	Chromium-51	< 1.4E-08	µCi/mL	EM
0	Cobalt-60	< 1.7E-08	µCi/mL	EM
0	Gross alpha	2.1E-10 ± 4.6E-10	µCi/mL	EM
0	Iodine-131	< 6.2E-05	µCi/mL	EM
0	Niobium-95	< 1.1E-07	µCi/mL	EM
0	Nonvolatile beta	1.3E-09 ± 8.8E-10	µCi/mL	EM
0	Ruthenium-103	< 7.7E-08	µCi/mL	EM
0	Ruthenium-106	< 2.0E-07	µCi/mL	EM
0	Strontium-89/90	5.6E-10 ± 1.7E-09	µCi/mL	EM
0	Total activity	8.8E-05 ± 2.4E-06	µCi/mL	EM
2	Tritium	8.9E-05 ± 1.3E-06	µCi/mL	GE
2	Tritium	6.9E-05 ± 1.9E-08	µCi/mL	EM
0	Zirconium-95	< 7.8E-08	µCi/mL	EM

WELL KSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/21/91 — Time: 12:20
Depth to water: 57.97 ft (17.67 m) below TOC — pH: 4.7
Water elevation: 206.13 ft (62.83 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.4	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.3	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
1	Trichloroethylene	4.3	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Antimony-125	< 1.7E-07	µCi/mL	EM
0	Cerium-144	< 4.3E-07	µCi/mL	EM
0	Cesium-134	< 6.4E-08	µCi/mL	EM
0	Cesium-137	< 7.5E-08	µCi/mL	EM
0	Chromium-51	< 1.9E-08	µCi/mL	EM
0	Cobalt-60	< 6.4E-08	µCi/mL	EM
0	Gross alpha	1.3E-09 ± 1.2E-09	µCi/mL	EM
0	Iodine-131	< 7.9E-08	µCi/mL	EM
0	Niobium-95	< 2.2E-07	µCi/mL	EM
0	Nonvolatile beta	3.2E-10 ± 1.1E-09	µCi/mL	EM
0	Ruthenium-103	< 1.5E-07	µCi/mL	EM
0	Ruthenium-106	< 6.4E-07	µCi/mL	EM
0	Strontium-89/90	8.6E-10 ± 1.7E-09	µCi/mL	EM
0	Total activity	4.8E-02 ± 1.2E-03	µCi/mL	EM
2	Tritium	4.9E-02 ± 2.8E-05	µCi/mL	GE
2	Tritium	4.2E-02 ± 2.9E-05	µCi/mL	GE
2	Tritium	3.7E-02 ± 4.1E-05	µCi/mL	EM
0	Zirconium-95	< 1.9E-07	µCi/mL	EM

ANALYTICAL RESULTS

WELL KSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/91 — Time: 13:30
Depth to water: 57.93 ft (17.66 m) below TOC — pH: 4.5
Water elevation: 208.17 ft (62.84 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 25.0°C
Water evacuated before sampling: 90 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	<5.3E-08	µCi/mL	EM
0	Cerium-144	<1.1E-07	µCi/mL	EM
0	Cesium-134	<1.8E-08	µCi/mL	EM
0	Cesium-137	<2.0E-08	µCi/mL	EM
0	Chromium-51	<4.7E-07	µCi/mL	EM
0	Cobalt-60	<1.5E-08	µCi/mL	EM
0	Gross alpha	2.1E-09 ± 7.3E-10	µCi/mL	EM
0	Iodine-131	<1.6E-08	µCi/mL	EM
0	Niobium-95	<4.1E-08	µCi/mL	EM
0	Nonvolatile beta	1.3E-09 ± 8.0E-10	µCi/mL	EM
0	Ruthenium-103	<3.6E-08	µCi/mL	EM
0	Ruthenium-106	<1.0E-07	µCi/mL	EM
0	Strontium-89/90	-2.9E-10 ± 8.4E-10	µCi/mL	EM
0	Total activity	1.3E-02 ± 8.4E-05	µCi/mL	EM
2	Tritium	1.3E-02 ± 8.4E-05	µCi/mL	EM
0	Zirconium-95	<5.9E-08	µCi/mL	EM

WELL KSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91 — Time: 12:45
Depth to water: 54.57 ft (16.63 m) below TOC — pH: 8.0
Water elevation: 175.23 ft (53.41 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.8	pH	GE
0	Specific conductance	81	µS/cm	GE
0	Chloride	2,780	µg/L	GE
0	Nitrate as nitrogen	430	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	2,610	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE

WELL KSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91 — Time: 13:15
Depth to water: 26.84 ft (8.18 m) below TOC — pH: 5.5
Water elevation: 185.48 ft (56.43 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.1	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Chloride	2,240	µg/L	GE
0	Nitrate as nitrogen	560	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	2,940	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE

WELL KSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/24/91 — Time: 13:35
Depth to water: 20.33 ft (6.20 m) below TOC — pH: 5.8
Water elevation: 184.87 ft (56.25 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 67 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.4	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Chloride	2,240	µg/L	GE
0	Chloride	2,210	µg/L	GE
0	Nitrate as nitrogen	470	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE

WELL KSS 3D collected on 05/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	1,900	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE

WELL LAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 14:30
Depth to water: 19.85 ft (6.05 m) below TOC — pH: 4.8
Water elevation: 218.38 ft (66.55 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 72 gal

WELL LAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 14:15
Depth to water: 21.86 ft (6.66 m) below TOC — pH: 4.5
Water elevation: 218.34 ft (66.55 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 65 gal

WELL LAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 13:55
Depth to water: 19.41 ft (5.92 m) below TOC — pH: 7.2
Water elevation: 218.39 ft (66.57 m) msl — Alkalinity: 93 mg/L
Sp. conductance: 227 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 144 gal

WELL LAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91 — Time: 14:50
Depth to water: 18.60 ft (5.67 m) below TOC — pH: 8.1
Water elevation: 218.50 ft (66.60 m) msl — Alkalinity: 23 mg/L
Sp. conductance: 74 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 87 gal

WELL LCO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 10:55
Depth to water: 23.55 ft (7.18 m) below TOC — pH: 5.3
Water elevation: 217.15 ft (66.19 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 60 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Total activity	4.1E-04 ± 4.5E-06	µCi/mL	EM
2	Tritium	4.5E-04 ± 3.0E-06	µCi/mL	GE

WELL LCO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 11:10
Depth to water: 23.14 ft (7.05 m) below TOC — pH: 4.4
Water elevation: 218.40 ft (66.59 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	2.4	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Tritium	7.9E-06 ± 4.0E-07	µCi/mL	GE

WELL LCO 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 22.98 ft (7.01 m) below TOC
Water elevation: 218.41 ft (66.57 m) msl
Sp. conductance: 288 µS/cm
Water evacuated before sampling: 58 gal
Time: 11:35
pH: 6.9
Alkalinity: 128 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Tetrachloroethylene	11	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.3	µg/L	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE

WELL LCO 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 21.25 ft (6.48 m) below TOC
Water elevation: 215.95 ft (65.82 m) msl
Sp. conductance: 769 µS/cm
Water evacuated before sampling: 78 ga
Time: 12:05
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Tetrachloroethylene	22	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
2	Tritium	3.1E-05 ± 8.0E-07	µCi/mL	GE

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91
Depth to water: 34.29 ft (10.45 m) below TOC
Water elevation: 218.61 ft (66.63 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 22 gal
The well went dry during purging.
Time: 14:10
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 24.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Tetrachloroethylene	4.8	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Tritium	5.0E-06 ± 4.0E-07	µCi/mL	GE

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91
Depth to water: 32.91 ft (10.03 m) below TOC
Water elevation: 218.99 ft (66.75 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.
Time: 14:25
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Tritium	6.4E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 17.15 ft (5.23 m) below TOC
Water elevation: 154.55 ft (47.11 m) msl
Sp. conductance: 298 µS/cm
Water evacuated before sampling: 38 gal
Time: 14:35
pH: 6.1
Alkalinity: 123 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	180	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	15	µg/L	GE
0	Benzene	2.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	4.2	µg/L	GE
0	Calcium	3,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	14,200	µg/L	GE
0	Chlorobenzene	1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	4.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
1	1,1-Dichloroethane	8.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	5.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	8,380	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Potassium	1,720	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,400	µg/L	GE
0	Sulfate	3,440	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
2	Total organic halogens	178	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	0.14	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.8E-09 ± 3.9E-09	µCi/mL	GE
2	Total radium	7.4E-09 ± 4.7E-09	µCi/mL	GE
0	Tritium	5.8E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	5.3E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 18.61 ft (5.67 m) below TOC
Water elevation: 152.59 ft (46.51 m) msl
Sp. conductance: 499 µS/cm
Water evacuated before sampling: 35 gal
Time: 14:10
pH: 6.5
Alkalinity: 210 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
1	Specific conductance	350	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	2.5	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 7 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Arsenic	<5.0	µg/L	ET
0	Barium	21	µg/L	GE
0	Barium	21	µg/L	GE
2	Benzene	5.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	4.0	µg/L	GE
0	Cadmium	3.8	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	34,800	µg/L	GE
2	Chlorobenzene	27	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	34	µg/L	GE
1	1,2-Dichloroethane	3.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	20	µg/L	GE
0	Fluoride	184	µg/L	GE
0	Lead	<3.0	µg/L	ET
0	Lead	<3.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	17,900	µg/L	GE
0	Magnesium	17,800	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Potassium	3,930	µg/L	GE
0	Potassium	3,870	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	44,300	µg/L	GE
0	Sodium	44,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	11	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	659	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 3.4E-09	µCi/mL	GE
2	Total radium	5.0E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	2.0E-05 ± 7.0E-07	µCi/mL	GE

WELL LFW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 13:40
Depth to water: 20.00 ft (6.10 m) below TOC — pH: 6.6
Water elevation: 150.50 ft (45.87 m) msl — Alkalinity: 106 mg/L
Sp. conductance: 293 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	241	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE

WELL LFW 8 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Arsenic	<5.0	µg/L	ET
0	Barium	6.2	µg/L	GE
1	Benzene	4.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,420	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	28,800	µg/L	GE
1	Chlorobenzene	5.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	4.7	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	55	µg/L	GE
1	1,2-Dichloroethane	4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	14	µg/L	GE
0	Fluoride	199	µg/L	GE
0	Lead	4.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	11,300	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Potassium	1,350	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	24,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	6.0	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
2	Total organic halogens	154	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.6E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIEL

Sample date: 04/25/91 — Time: 15:45
Depth to water: 22.05 ft (6.72 m) below TOC — pH: 5.8
Water elevation: 153.45 ft (46.77 m) msl — Alkalinity: 206 mg/l
Sp. conductance: 282 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 97 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
1	Specific conductance	255	µS/cm	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	3.4	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
1	Benzene	4.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	5.0	µg/L	GE
0	Calcium	25,200	µg/L	GE
1	Carbon tetrachloride	3.0	µg/L	GE
0	Chloride	27,400	µg/L	GE
0	Chloride	22,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL LFW 10A collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	87	µg/L	GE
0	1,2-Dichloroethane	1.0	µg/L	GE
1	1,1-Dichloroethylene	4.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	85	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	15	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	22,100	µg/L	GE
2	Manganese	79	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Potassium	523	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	31,900	µg/L	GE
0	Sulfate	6,190	µg/L	GE
0	Sulfate	6,740	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
0	Toluene	29	µg/L	GE
2	Total organic carbon	38,000	µg/L	GE
2	Total organic carbon	38,000	µg/L	GE
0	Total organic halogens	5.4	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	23	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	21	µg/L	GE
2	Trichlorofluoromethane	21	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	2.2E-09 ± 2.2E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.2E-09 ± 4.1E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 3.6E-09	µCi/mL	GE
2	Total radium	1.2E-08 ± 5.3E-09	µCi/mL	GE
2	Total radium	5.4E-09 ± 4.2E-09	µCi/mL	GE
2	Tritium	1.4E-04 ± 1.8E-06	µCi/mL	GE

WELL LFW 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 22.45 ft (6.84 m) below TOC
Water elevation: 156.35 ft (47.66 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 67 gal
Time: 15:20
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,230	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,550	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	15	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE

WELL LFW 16 collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Lead	7.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,700	µg/L	GE
0	Manganese	<2.0	µg/L	GE
1	Mercury	1.4	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.5	µg/L	GE
0	Nitrate as nitrogen	660	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,050	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	4.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
1	Trichlorofluoromethane	5.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.2E-09 ± 3.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.1E-05 ± 1.1E-06	µCi/mL	GE
2	Tritium	5.1E-05 ± 1.0E-06	µCi/mL	GE

WELL LFW 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 22.32 ft (6.80 m) below TOC
Water elevation: 155.48 ft (47.39 m) msl
Sp. conductance: 343 µS/cm
Water evacuated before sampling: 72 gal
Time: 16:15
pH: 6.4
Alkalinity: 107 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.7	pH	GE
0	Specific conductance	209	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
1	Arsenic	27	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Benzene	2.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	2.0	µg/L	GE
0	Calcium	8,140	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	30,000	µg/L	GE
2	Chlorobenzene	29	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	14	µg/L	GE
0	1,2-Dichloroethane	2.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	8.0	µg/L	GE
0	Fluoride	145	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	11,900	µg/L	GE
0	Manganese	23	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Potassium	805	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	26,900	µg/L	GE
0	Sulfate	2,190	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 17 collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	3.0	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
2	Total organic halogens	264	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-08 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.9E-05 ± 7.0E-07	µCi/mL	GE

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91 — Time: 16:45
Depth to water: 19.77 ft (6.03 m) below TOC — pH: 6.5
Water elevation: 155.23 ft (47.31 m) msl — Alkalinity: 99 mg/L
Sp. conductance: 282 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	147	µS/cm	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	3.0	µg/L	GE
0	Arsenic	20	µg/L	GE
0	Arsenic	20	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Benzene	2.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	3.5	µg/L	GE
0	Calcium	3,730	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	17,700	µg/L	GE
1	Chlorobenzene	5.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	7.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	15	µg/L	GE
0	1,2-Dichloroethane	2.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	14	µg/L	GE
0	Fluoride	153	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	7,280	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Potassium	1,970	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,790	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	8.0	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
2	Total organic halogens	808	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.1E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.5E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL LFW 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 15:10
Depth to water: 20.19 ft (6.15 m) below TOC — pH: 5.0
Water elevation: 156.51 ft (47.70 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	360	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,090	µg/L	GE
0	Chloride	2,120	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	4.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	448	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,180	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.4E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 11:50
Depth to water: 20.89 ft (6.37 m) below TOC — pH: 4.8
Water elevation: 159.61 ft (48.65 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 14 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 87 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Aluminum	<20	µg/L	GE

WELL LFW 20 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	4.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	209	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,740	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	4.5	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	5.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	381	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	6,240	µg/L	GE
0	Silica	6,280	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,590	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	21	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.0E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 24.19 ft (7.37 m) below TOC
Water elevation: 151.41 ft (46.15 m) msl
Sp. conductance: 246 µS/cm
Water evacuated before sampling: 59 gal

Time: 10:35
pH: 6.0
Alkalinity: 85 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	5.2	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
2	Antimony	5.3	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.3	µg/L	GE

WELL LFW 21 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzene	1.9	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,400	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	1.5	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chloride	9,550	µg/L	GE
0	Chloride	9,350	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
1	Chloroethane	5.5	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	45	µg/L	GE
2	Chloromethane (Methyl chloride)	78	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
2	Dichlorodifluoromethane	74	µg/L	GE
2	1,1-Dichloroethane	40	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	3.8	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	78	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	4.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	1,2,3,4,6,7,8-HpCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HpCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 21 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	6,800	µg/L	GE
2	Manganese	88	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	8,530	µg/L	GE
0	Sulfate	8,510	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.1	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	4.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
2	Total organic carbon	10,000	µg/L	GE

WELL LFW 21 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	11	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
2	Trichlorofluoromethane	85	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
2	Xylenes	83	µg/L	GE
0	Zinc	6.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	5.8E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 11:10
Depth to water: 21.94 ft (6.69 m) below TOC — pH: 6.3
Water elevation: 152.26 ft (46.41 m) msl — Alkalinity: 198 mg/L
Sp. conductance: 605 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
1	Specific conductance	290	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
2	Acetone	1,550	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
2	Antimony	18	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	2.0	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,700	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
1	Carbon tetrachloride	4.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Chloromethane (Methyl chloride)	168	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE

WELL LFW 22 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cyanide	11	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
2	Dichlorodifluoromethane	94	µg/L	GE
2	1,1-Dichloroethane	81	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	9.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	168	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	2.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	58	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	3.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,000	µg/L	GE
1	Manganese	40	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	2,860	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE

WELL LFW 22 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	4,490	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	148	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
2	Total organic carbon	114,000	µg/L	GE
0	Total organic halogens	22	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	31	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	19	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
2	Xylenes	248	µg/L	GE
0	Zinc	17	µg/L	GE
0	Gross alpha	2.1E-09 ± 3.7E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.5E-06 ± 6.0E-07	µCi/mL	GE

WELL LFW 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 19.07 ft (5.81 m) below TOC
Water elevation: 152.73 ft (46.55 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 73 gal
Time: 9:55
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	4.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 23 collected on 04/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,140	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	2.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Lead	10	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	463	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silica	8,720	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,480	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 15.85 ft (4.86 m) below TOC
Water elevation: 155.35 ft (47.35 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 82 gal

Time: 9:25
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	4.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	303	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,840	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL LFW 24 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	6.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	537	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	550	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silica	7,220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,170	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.9E-09 ± 3.1E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 16.82 ft (5.13 m) below TOC
Water elevation: 157.88 ft (48.12 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 92 gal

Time: 14:50
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Arsenic	<5.0	µg/L	ET
0	Barium	4.3	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	220	µg/L	GE
0	Calcium	220	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,720	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE

WELL LFW 25 collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	<3.0	µg/L	ET
0	Lead	5.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	460	µg/L	GE
0	Magnesium	460	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	510	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Selenium	<5.0	µg/L	ET
0	Silica	6,420	µg/L	GE
0	Silica	6,390	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Sodium	1,090	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.9E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	2.4E-08 ± 3.0E-07	µCi/mL	GE

WELL LFW 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 24.64 ft (7.51 m) below TOC
Water elevation: 161.86 ft (49.34 m) msl
Sp. conductance: 13 µS/cm
Water evacuated before sampling: 48 gal

Time: 10:35
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	198	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,350	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2 Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.3	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL LFW 26 collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	5,920	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,310	µg/L	GE
0	Sulfate	3,710	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.8	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.4E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.6E-08 ± 3.0E-07	µCi/mL	GE

WELL LFW 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 26.45 ft (8.06 m) below TOC
Water elevation: 162.75 ft (49.61 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 54 gal

Time: 9:55
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	13	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	233	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,110	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.3	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	288	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	6,570	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,770	µg/L	GE
0	Sulfate	5,490	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 27 collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 9:55
Depth to water: 26.45 ft (8.06 m) below TOC — pH: 4.9
Water elevation: 182.75 ft (49.61 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	186	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,050	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	253	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	6,810	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,490	µg/L	GE
0	Sulfate	3,480	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 9:25
Depth to water: 28.18 ft (8.59 m) below TOC — pH: 5.8
Water elevation: 184.22 ft (50.05 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,410	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,580	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	370	µg/L	GE
0	Manganese	4.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Potassium	4,810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,430	µg/L	GE
0	Sulfate	2,560	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.7E-09 ± 3.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 16:35
Depth to water: 29.83 ft (9.09 m) below TOC — pH: 4.7
Water elevation: 185.47 ft (56.44 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	13	µg/L	GE

WELL LFW 28 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	7.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	527	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,170	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.3	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE

WELL LFW 28 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	4.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	808	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	750	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 29 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	6,470	µg/L	GE
0	Silica	6,550	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	3,810	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	ET
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	3.1	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.8E-08 ± 9.0E-07	µCi/mL	GE

WELL LFW 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 44.29 ft (13.50 m) below TOC
Water elevation: 165.71 ft (50.51 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 71 gal

Time: 15:50
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	3.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	5.2	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE

WELL LFW 30 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,360	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	1,420	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.10	µg/L	GE
0	Endosulfan II	< 0.10	µg/L	GE
0	Endosulfan sulfate	< 0.10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.10	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE

WELL LFW 30 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	5.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	518	µg/L	GE
0	Manganese	5.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<40	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	6,360	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,300	µg/L	GE

WELL LFW 30 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	ET
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	34	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	3.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Gross alpha	7.5E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 3.6E-09	µCi/mL	GE
0	Nonvolatile beta	3.4E-09 ± 3.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.2E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 64.31 ft (19.60 m) below TOC
Water elevation: 164.99 ft (50.29 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 54 gal
Time: 15:15
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	5.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,160	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,970	µg/L	GE
0	Chloride	2,900	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0 µg/L		GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	4.1	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.3	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	<3.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	438	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 31 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	300	µg/L	GE
0	Nitrate as nitrogen	300	µg/L	GE
0	Potassium	738	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	6,480	µg/L	GE
0	Silica	6,450	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	5,070	µg/L	GE
0	Sulfate	4,220	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	81	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.0E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 60.79 ft (18.53 m) below TOC
Water elevation: 162.91 ft (49.66 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 50 gal

Time: 13:50
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	4.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	290	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,390	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Lead	8.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	425	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	270	µg/L	GE
0	Potassium	561	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	6,520	µg/L	GE
0	Silica	6,610	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,770	µg/L	GE
0	Sulfate	1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL LFW 32 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.7E-09 ± 3.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.8E-08 ± 3.0E-07	µCi/mL	GE

WELL LFW 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 52.01 ft (15.85 m) below TOC
Water elevation: 161.68 ft (49.28 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 47 gal

Time: 13:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Arsenic	<5.0	µg/L	ET
0	Barium	3.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	324	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,260	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	5.0	µg/L	ET
0	Lead	5.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	464	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	Potassium	514	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Selenium	<5.0	µg/L	ET
0	Silica	6,590	µg/L	GE
0	Silica	6,860	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,270	µg/L	GE
0	Sulfate	44,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	22	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.6E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	4.0E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 40.59 ft (12.37 m) below TOC
Water elevation: 180.41 ft (48.89 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 46 gal
Time: 12:50
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	3.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	387	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,550	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.00[illegible]	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Lead	40	µg/L	ET
2	Lead	20	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	492	µg/L	GE
0	Manganese	2.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	360	µg/L	GE
0	Potassium	532	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	6,480	µg/L	GE
0	Silica	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.0E-09 ± 3.1E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.3E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 24.33 ft (7.42 m) below TOC
Water elevation: 159.37 ft (48.58 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 44 gal
Time: 12:20
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE

WELL LFW 35 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Arsenic	<5.0	µg/L	ET
0	Barium	6.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,610	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Lead	<3.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	772	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	760	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	7,170	µg/L	GE
0	Silica	7,110	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,930	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	58	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	3.7E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 23.88 ft (7.28 m) below TOC
Water elevation: 146.52 ft (44.66 m) msl
Sp. conductance: 303 µS/cm
Water evacuated before sampling: 56 gal
Time: 11:00
pH: 8.2
Alkalinity: 82 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	239	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	2.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	3.4	µg/L	GE
1	Benzene	4.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 36 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,800	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	32,000	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	2.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	4.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
2	1,2-Dichlorobenzene	110	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
2	Dichlorodifluoromethane	25	µg/L	GE
2	1,1-Dichloroethane	48	µg/L	GE
1	1,2-Dichloroethane	3.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

WELL LFW 36 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	5.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	11,400	µg/L	GE
1	Manganese	38	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<5.0	µg/L	ET

WELL LFW 36 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	8,810	µg/L	GE
0	Silica	9,030	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	3,440	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	ET
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
2	Total organic halogens	754	µg/L	GE
2	Total organic halogens	827	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
2	Trichlorofluoromethane	14	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	2.2E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	7.2E-09 ± 3.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL LFW 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 26.57 ft (8.10 m) below TOC
Water elevation: 143.33 ft (43.69 m) msl
Sp. conductance: 110 µS/cm
Water evacuated before sampling: 38 gal

Time: 10:20
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	91	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	6.7	µg/L	GE
0	Benzene	2.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,740	µg/L	GE

WELL LFW 37 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	22,500	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	2.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Chloromethane (Methyl chloride)	19	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	24	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
2	Dichlorodifluoromethane	52	µg/L	GE
2	1,1-Dichloroethane	50	µg/L	GE
1	1,2-Dichloroethane	4.0	µg/L	GE
0	1,1-Dichloroethylene	2.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	21	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 37 collected on 04/29/91. laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
1	Lead	14	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	3,120	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isome	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomer	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	12,500	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	4,970	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	ET
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE

WELL LFW 37 collected on 04/29/91. laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Total organic halogens	3,690	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
2	1,1,2-Trichloroethane	1,220	µg/L	GE
2	Trichloroethylene	7.0	µg/L	GE
2	Trichlorofluoromethane	24	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	8.2E-09 ± 3.0E-09	µCi/ml	GE
1	Total radium	2.6E-08 ± 2.8E-09	µCi/ml	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/ml	GE

WELL LFW 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 Time: 10:20
Depth to water: 26.57 ft (8.10 m) below TOC pH: 5.1
Water elevation: 143.33 ft (43.69 m) msl Alkalinity: 0 mg/L
Sp. conductance: 110 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	90	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	5.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	6.6	µg/L	GE
0	Benzene	2.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,690	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	3,730	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	2.0	µg/L	GE
1	Chloroethene (Vinyl chloride)	1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
2	Chloromethane (Methyl chloride)	19	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE

WELL LFW 37 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
2	Dichlorodifluoromethane	50	µg/L	GE
2	1,1-Dichloroethane	54	µg/L	GE
2	1,2-Dichloroethane	5.0	µg/L	GE
0	1,1-Dichloroethylene	2.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	32	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE

WELL LFW 37 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,900	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,100	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	3,730	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	3,050	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 37 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	0.18	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	4.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8.0	µg/L	GE
2	Trichlorofluoromethane	40	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.4E-09 ± 3.2E-09	µCi/mL	GE
1	Total radium	4.7E-09 ± 3.2E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 8.0E-07	µCi/mL	GE

WELL LFW 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 26.30 ft (8.02 m) below TOC
Water elevation: 144.00 ft (43.89 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 39 gal

Time: 9:35
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	8.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<5.0	µg/L	ET
0	Barium	5.9	µg/L	GE
0	Benzene	1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	869	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	10,300	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	3.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE

WELL LFW 38 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
2	Dichlorodifluoromethane	53	µg/L	GE
2	1,1-Dichloroethane	24	µg/L	GE
0	1,2-Dichloroethane	1.0	µg/L	GE
0	1,1-Dichloroethylene	2.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	25	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	6.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,190	µg/L	GE
0	Manganese	4.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE

WELL LFW 38 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	3-Methylcholanthrene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	12,000	µg/L	GE
0	Silica	11,900	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	2,350	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	ET
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	530	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	7.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
2	Trichlorofluoromethane	31	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	4.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	6.8E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 13:05
Depth to water: 27.22 ft (8.30 m) below TOC — pH: 4.8
Water elevation: 144.18 ft (43.95 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	4.5	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	322	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,450	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
2	1,1-Dichloroethane	11	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Lead	5.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	685	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	770	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,690	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	5.8	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	234	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	51	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	5.1	µg/L	GE
2	Trichlorofluoromethane	163	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	6.6E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91 — Time: 12:45
Depth to water: 27.24 ft (8.30 m) below TOC — pH: 4.8
Water elevation: 143.76 ft (43.82 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	< 3.0	µg/L	GE

WELL LFW 40 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	309	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,050	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
1	1,1-Dichloroethane	5.3	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	13	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
1	Lead	8.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	408	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	< 100	µg/L	GE
0	Silica	7,580	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,460	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	116	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	15	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
1	Trichloroethylene	2.8	µg/L	GE
2	Trichlorofluoromethane	179	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.8E-08 ± 3.0E-07	µCi/mL	GE

WELL LFW 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 24.33 ft (7.42 m) below TOC
Water elevation: 148.17 ft (44.55 m) msl
Sp. conductance: 13 µS/cm
Water evacuated before sampling: 44 gal

Time: 12:20
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	202	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,670	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE

WELL LFW 41 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
1	Lead	14	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	283	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 5.0	µg/L	ET
0	Silica	< 100	µg/L	GE
0	Silica	7,380	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,450	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	1.8	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
2	Trichlorofluoromethane	35	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	3.5E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/26/91
Depth to water: 22.18 ft (6.76 m) below TOC
Water elevation: 147.92 ft (45.09 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 50 gal

Time: 12:00
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Arsenic	< 5.0	µg/L	ET
0	Barium	< 3.0	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	205	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,810	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Lead	4.0	µg/L	ET
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	282	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE

WELL LFW 42 collected on 04/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Silica	<100	µg/L	GE
0	Silica	7,280	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,340	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	1,1,1-Trichloroethane	3.4	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
1	Trichlorofluoromethane	8.1	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.1E-09 ± 3.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL LRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91
Depth to water: 43.50 ft (13.26 m) below TOC
Water elevation: 209.40 ft (63.83 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 62 gal
Time: 12:40
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 19.6°C

WELL LRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91
Depth to water: 46.25 ft (14.10 m) below TOC
Water elevation: 210.45 ft (64.15 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 68 gal
Time: 12:55
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 19.5°C

WELL LRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91
Depth to water: 48.64 ft (14.83 m) below TOC
Water elevation: 209.58 ft (63.87 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 48 gal
Time: 13:10
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.5°C

WELL LRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/13/91
Depth to water: 46.83 ft (14.27 m) below TOC
Water elevation: 208.77 ft (63.63 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 93 gal
Time: 13:30
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.5°C

WELL LSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 17.69 ft (5.39 m) below TOC
Water elevation: 215.01 ft (65.54 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 59 gal
Time: 12:45
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Lead	13	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-08 ± 4.5E-09	µCi/mL	GE

WELL LSB 1 collected on 05/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total activity	4.8E-03 ± 1.5E-05	µCi/mL	EM
2	Tritium	1.0E-02 ± 1.5E-05	µCi/mL	GE

WELL LSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 19.66 ft (5.99 m) below TOC
Water elevation: 215.54 ft (65.70 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 54 gal
Time: 13:30
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Lead	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	8.5E-06 ± 4.0E-07	µCi/mL	GE

WELL LSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 15.91 ft (4.85 m) below TOC
Water elevation: 220.48 ft (67.21 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 63 gal
Time: 14:05
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Lead	13	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Tritium	4.5E-05 ± 1.0E-06	µCi/mL	GE

WELL LSB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 10.49 ft (3.20 m) below TOC
Water elevation: 221.01 ft (67.36 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 77 gal
Time: 14:40
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Lead	15	µg/L	GE
2	Gross alpha	8.5E-08 ± 1.1E-08	µCi/mL	GE
2	Nonvolatile beta	4.3E-07 ± 1.7E-08	µCi/mL	GE
0	Total activity	2.3E-03 ± 1.0E-05	µCi/mL	EM
2	Tritium	2.8E-03 ± 7.7E-08	µCi/mL	GE

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91
Depth to water: 107.84 ft (32.87 m) below TOC
Water elevation: 220.56 ft (67.23 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging
Time: 10:55
pH: 8.2
Alkalinity: 8 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.4	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Acenaphthene	<10	µg/L	ET
0	Acenaphthylene	<10	µg/L	ET
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	ET
0	2-Acetylaminofluorene	<10	µg/L	ET
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	ET
0	Aniline	<10	µg/L	ET
0	Anthracene	<10	µg/L	ET
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	ET

ANALYTICAL RESULTS

WELL MOB 2 collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	3.4	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	ET
0	Benzo[a]pyrene	< 10	µg/L	ET
0	Benzo[b]fluoranthene	< 10	µg/L	ET
0	Benzo[g,h,i]perylene	< 10	µg/L	ET
0	Benzo[k]fluoranthene	< 10	µg/L	ET
0	Benzyl alcohol	< 10	µg/L	ET
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	ET
0	Bis(2-chloroethyl) ether	< 10	µg/L	ET
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	ET
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	ET
0	Butylbenzyl phthalate	< 10	µg/L	ET
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	3,370	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	1,880	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	ET
0	4-Chloroaniline	< 10	µg/L	ET
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	ET
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	ET
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 10	µg/L	MA
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	ET
0	2-Chlorophenol	< 10	µg/L	ET
0	4-Chlorophenyl phenyl ether	< 10	µg/L	ET
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	ET
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	ET
0	m-Cresol (3-Methylphenol)	< 10	µg/L	ET
0	p-Cresol (4-Methylphenol)	< 10	µg/L	ET
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	ET
0	Di-n-octyl phthalate	< 10	µg/L	ET
0	Diallate	< 10	µg/L	ET
0	Dibenz[a,h]anthracene	< 10	µg/L	ET
0	Dibenzofuran	< 10	µg/L	ET
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	ET
0	1,3-Dichlorobenzene	< 10	µg/L	ET
0	1,4-Dichlorobenzene	< 10	µg/L	ET
0	3,3'-Dichlorobenzidine	< 10	µg/L	ET
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 10	µg/L	MA
0	1,2-Dichloroethylene	< 20	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	ET
0	2,6-Dichlorophenol	< 10	µg/L	ET
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	ET
0	Dimethoate	< 10	µg/L	ET
0	2,4-Dimethyl phenol	< 10	µg/L	ET
0	Dimethyl phthalate	< 10	µg/L	ET
0	p-Dimethylaminoazobenzene	< 10	µg/L	ET
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	ET
0	3,3'-Dimethylbenzidine	< 10	µg/L	ET
0	1,3-Dinitrobenzene	< 10	µg/L	ET
0	2,4-Dinitrophenol	< 45	µg/L	ET
0	2,4-Dinitrotoluene	< 10	µg/L	ET
0	2,6-Dinitrotoluene	< 10	µg/L	ET
0	1,4-Dioxane	< 10	µg/L	ET
0	Diphenylamine	< 10	µg/L	ET
0	Disulfoton	< 10	µg/L	ET

WELL MOB 2 collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0000	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	ET
0	Ethyl methanesulfonate	< 10	µg/L	ET
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	ET
0	Fluoranthene	< 10	µg/L	ET
0	Fluorene	< 10	µg/L	ET
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	ET
0	Hexachlorobutadiene	< 10	µg/L	ET
0	Hexachlorocyclopentadiene	< 10	µg/L	ET
0	1,2,3,4,7,8-HPCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	ET
0	Hexachlorophene	< 10	µg/L	ET
0	Hexachloropropene	< 10	µg/L	ET
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	ET
0	Iodomethane (Methyl Iodide)	< 15	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	ET
0	Isophorone	< 10	µg/L	ET
0	Isosafrole	< 10	µg/L	ET
0	Kepone	< 10	µg/L	ET
0	Lead	3.2	µg/L	GE
0	Lead	3.8	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	233	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	0.51	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	ET
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	ET
0	Methyl methanesulfonate	< 10	µg/L	ET
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	ET
0	3-Methylcholanthrene	< 10	µg/L	ET
0	2-Methylnaphthalene	< 10	µg/L	ET
0	N-Nitrosodi-n-butylamine	< 10	µg/L	ET
0	N-Nitrosodi-propylamine	< 10	µg/L	ET
0	N-Nitrosodiethylamine	< 10	µg/L	ET
0	N-Nitrosodimethylamine	< 10	µg/L	ET
0	N-Nitrosodiphenylamine	< 10	µg/L	ET
0	N-Nitrosomethylethylamine	< 10	µg/L	ET
0	N-Nitrosomorpholine	< 10	µg/L	ET
0	N-Nitrosopiperidine	< 10	µg/L	ET
0	N-Nitrosopyrrolidine	< 10	µg/L	ET
0	Naphthalene	< 10	µg/L	ET
0	1,4-Naphthoquinone	< 10	µg/L	ET
0	1-Naphthylamine	< 10	µg/L	ET
0	2-Naphthylamine	< 10	µg/L	ET
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	ET
0	2-Nitroaniline	< 10	µg/L	ET
0	3-Nitroaniline	< 10	µg/L	ET
0	4-Nitroaniline	< 10	µg/L	ET
0	Nitrobenzene	< 10	µg/L	ET
0	2-Nitrophenol	< 10	µg/L	ET
0	4-Nitrophenol	< 10	µg/L	ET
0	4-Nitroquinoline-1-oxide	< 10	µg/L	ET
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	ET
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	ET
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	ET
0	Pentachloronitrobenzene	< 10	µg/L	ET
0	Pentachlorophenol	< 10	µg/L	ET
0	Phenacetin	< 10	µg/L	ET
0	Phenanthrene	< 10	µg/L	ET
0	Phenol	< 10	µg/L	ET

WELL MCB 2 collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	ET
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	ET
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	ET
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	ET
0	Pyridine	< 10	µg/L	ET
0	Safrole	< 10	µg/L	ET
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	ET
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	ET
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	ET
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	2.5	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	ET
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	ET
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	ET
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	49	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	ET
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 10	µg/L	MA
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
2	Trichloroethylene	20	µg/L	MA
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	ET
0	2,4,6-Trichlorophenol	< 10	µg/L	ET
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	ET
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.7E-08 ± 3.0E-07	µCi/mL	GE

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 05/23/91
Depth to water 130.34 ft (39.73 m) below TOC
Water elevation 220.08 ft (67.08 m) msl
Sp. conductance 15 µS/cm
Water evacuated before sampling 3 gal
The well went dry during purging

Time 12:10
pH 5.3
Alkalinity 2 mg/L
Water temperature 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Acenaphthene	< 10	µg/L	ET
0	Acenaphthylene	< 10	µg/L	ET
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	ET
0	2-Acetylaminofluorene	< 10	µg/L	ET
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	ET
0	Aniline	< 10	µg/L	ET
0	Anthracene	< 10	µg/L	ET
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	ET
0	Arsenic	< 2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	ET
0	Benzo[a]pyrene	< 10	µg/L	ET

WELL MCB 4 collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzo[b]fluoranthene	< 10	µg/L	ET
0	Benzo[g,h,i]perylene	< 10	µg/L	ET
0	Benzo[k]fluoranthene	< 10	µg/L	ET
0	Benzyl alcohol	< 10	µg/L	ET
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl ether)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	ET
0	Bis(2-chloroethyl) ether	< 10	µg/L	ET
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	ET
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	ET
0	Butylbenzyl phthalate	< 10	µg/L	ET
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	334	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8 TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	1,080	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	ET
0	4-Chloroaniline	< 10	µg/L	ET
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	ET
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	ET
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 10	µg/L	MA
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	ET
0	2-Chlorophenol	< 10	µg/L	ET
0	4-Chlorophenyl phenyl ether	< 10	µg/L	ET
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	ET
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	ET
0	m-Cresol (3-Methylphenol)	< 10	µg/L	ET
0	p-Cresol (4-Methylphenol)	< 10	µg/L	ET
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	ET
0	Di-n-octyl phthalate	< 10	µg/L	ET
0	Diallate	< 10	µg/L	ET
0	Dibenz[a,h]anthracene	< 10	µg/L	ET
0	Dibenzofuran	< 10	µg/L	ET
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	ET
0	1,3-Dichlorobenzene	< 10	µg/L	ET
0	1,4-Dichlorobenzene	< 10	µg/L	ET
0	3,3'-Dichlorobenzidine	< 10	µg/L	ET
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 10	µg/L	MA
0	1,2-Dichloroethylene	< 20	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	ET
0	2,6-Dichlorophenol	< 10	µg/L	ET
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	ET
0	Dimethoate	< 10	µg/L	ET
0	2,4-Dimethyl phenol	< 10	µg/L	ET
0	Dimethyl phthalate	< 10	µg/L	ET
0	p-Dimethylaminoazobenzene	< 10	µg/L	ET
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	ET
0	3,3'-Dimethylbenzidine	< 10	µg/L	ET
0	a,a-Dimethylphenethylamine	< 10	µg/L	ET
0	1,3-Dinitrobenzene	< 10	µg/L	ET
0	2,4-Dinitrophenol	< 45	µg/L	ET
0	2,4-Dinitrotoluene	< 10	µg/L	ET
0	2,6-Dinitrotoluene	< 10	µg/L	ET
0	1,4-Dioxane	< 10	µg/L	ET
0	Diphenylamine	< 10	µg/L	ET
0	Disulfoton	< 10	µg/L	ET
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	ET
0	Ethyl methanesulfonate	< 10	µg/L	ET
0	Ethylbenzene	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 4 collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Famphur	< 10	µg/L	ET
0	Fluoranthene	< 10	µg/L	ET
0	Fluorene	< 10	µg/L	ET
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	ET
0	Hexachlorobutadiene	< 10	µg/L	ET
0	Hexachlorocyclopentadiene	< 10	µg/L	ET
0	1,2,3,4,7,8-HPCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	ET
0	Hexachlorophene	< 10	µg/L	ET
0	Hexachloropropene	< 10	µg/L	ET
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	ET
0	Iodomethane (Methyl Iodide)	< 15	µg/L	GE
0	Iron	11	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	ET
0	Isophorone	< 10	µg/L	ET
0	Isosafrole	< 10	µg/L	ET
0	Kepone	< 10	µg/L	ET
0	Lead	4.9	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	114	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Mercury	0.44	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	ET
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	ET
0	Methyl methanesulfonate	< 10	µg/L	ET
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	ET
0	3-Methylcholanthrene	< 10	µg/L	ET
0	2-Methylnaphthalene	< 10	µg/L	ET
0	N-Nitrosodi-n-butylamine	< 10	µg/L	ET
0	N-Nitrosodi-propylamine	< 10	µg/L	ET
0	N-Nitrosodiethylamine	< 10	µg/L	ET
0	N-Nitrosodimethylamine	< 10	µg/L	ET
0	N-Nitrosodiphenylamine	< 10	µg/L	ET
0	N-Nitrosomethylethylamine	< 10	µg/L	ET
0	N-Nitrosomorpholine	< 10	µg/L	ET
0	N-Nitrosopiperidine	< 10	µg/L	ET
0	N-Nitrosopyrrolidine	< 10	µg/L	ET
0	Naphthalene	< 10	µg/L	ET
0	1,4-Naphthoquinone	< 10	µg/L	ET
0	1-Naphthylamine	< 10	µg/L	ET
0	2-Naphthylamine	< 10	µg/L	ET
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	130	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	ET
0	2-Nitroaniline	< 10	µg/L	ET
0	3-Nitroaniline	< 10	µg/L	ET
0	4-Nitroaniline	< 10	µg/L	ET
0	Nitrobenzene	< 10	µg/L	ET
0	2-Nitrophenol	< 10	µg/L	ET
0	4-Nitrophenol	< 10	µg/L	ET
0	4-Nitroquinoline-1-oxide	< 10	µg/L	ET
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	ET
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	ET
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	ET
0	Pentachloronitrobenzene	< 10	µg/L	ET
0	Pentachlorophenol	< 10	µg/L	ET
0	Phenacetin	< 10	µg/L	ET
0	Phenanthrene	< 10	µg/L	ET
0	Phenol	< 10	µg/L	ET
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	ET
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	ET
0	Potassium	< 500	µg/L	GE
0	Pronamid	< 10	µg/L	ET
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	ET
0	Pyridine	< 10	µg/L	ET

WELL MCB 4 collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Safrole	< 10	µg/L	ET
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	ET
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	ET
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	ET
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
2	Tetrachloroethylene	28	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	ET
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	ET
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	ET
0	Total dissolved solids	6,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	84	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	ET
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 10	µg/L	MA
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
2	Trichloroethylene	74	µg/L	MA
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	ET
0	2,4,6-Trichlorophenol	< 10	µg/L	ET
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	ET
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	9.5	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91 — Time: 12:40
Depth to water: 145.10 ft (44.23 m) below TOC — pH: 12.3
Water elevation: 194.00 ft (59.13 m) msl — Alkalinity: 1112 mg/L
Sp. conductance: 4510 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	5,000	µS/cm	GE
0	Acenaphthene	< 10	µg/L	ET
0	Acenaphthylene	< 10	µg/L	ET
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	ET
0	2-Acetylaminofluorene	< 10	µg/L	ET
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	ET
0	Aniline	< 10	µg/L	ET
0	Anthracene	< 10	µg/L	ET
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	ET
0	Arsenic	< 2.0	µg/L	GE
0	Barium	773	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	ET
0	Benzo[a]pyrene	< 10	µg/L	ET
0	Benzo[b]fluoranthene	< 10	µg/L	ET
0	Benzo[g,h,i]perylene	< 10	µg/L	ET
0	Benzo[k]fluoranthene	< 10	µg/L	ET
0	Benzyl alcohol	< 10	µg/L	ET
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	ET
0	Bis(2-chloroethyl) ether	< 10	µg/L	ET
0	Bis(2-ethylhexyl) phthalate	19	µg/L	ET
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE

WELL MCB 5C collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	ET
0	Butylbenzyl phthalate	<10	µg/L	ET
0	Cadmium	<2.0	µg/L	GE
0	Calcium	227,000	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	<250	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	ET
0	4-Chloroaniline	<10	µg/L	ET
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	ET
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	ET
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	ET
0	2-Chlorophenol	<10	µg/L	ET
0	4-Chlorophenyl phenyl ether	<10	µg/L	ET
0	Chloroprene	<200	µg/L	GE
0	Chromium	25	µg/L	GE
0	Chrysene	<10	µg/L	ET
0	Cobalt	7.0	µg/L	GE
0	Copper	5.1	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	ET
0	m-Cresol (3-Methylphenol)	<10	µg/L	ET
0	p-Cresol (4-Methylphenol)	<10	µg/L	ET
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	ET
0	Di-n-octyl phthalate	<10	µg/L	ET
0	Diallate	<10	µg/L	ET
0	Dibenz[a,h]anthracene	<10	µg/L	ET
0	Dibenzofuran	<10	µg/L	ET
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	ET
0	1,3-Dichlorobenzene	<10	µg/L	ET
0	1,4-Dichlorobenzene	<10	µg/L	ET
0	3,3'-Dichlorobenzidine	<10	µg/L	ET
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0	µg/L	MA
0	1,2-Dichloroethylene	<20	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	ET
0	2,6-Dichlorophenol	<10	µg/L	ET
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	ET
0	Dimethoate	<10	µg/L	ET
0	2,4-Dimethyl phenol	<10	µg/L	ET
0	Dimethyl phthalate	<10	µg/L	ET
0	p-Dimethylaminoazobenzene	<10	µg/L	ET
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	ET
0	3,3'-Dimethylbenzidine	<10	µg/L	ET
0	a,a-Dimethylphenethylamine	<10	µg/L	ET
0	1,3-Dinitrobenzene	<10	µg/L	ET
0	2,4-Dinitrophenol	<45	µg/L	ET
0	2,4-Dinitrotoluene	<10	µg/L	ET
0	2,6-Dinitrotoluene	<10	µg/L	ET
0	1,4-Dioxane	<10	µg/L	ET
0	Diphenylamine	<10	µg/L	ET
0	Disulfoton	<10	µg/L	ET
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	ET
0	Ethyl methanesulfonate	<10	µg/L	ET
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	ET
0	Fluoranthene	<10	µg/L	ET
0	Fluorene	<10	µg/L	ET
0	Fluoride	110	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	ET

WELL MCB 5C collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Hexachlorobutadiene	<10	µg/L	ET
0	Hexachlorocyclopentadiene	<10	µg/L	ET
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	ET
0	Hexachlorophene	<10	µg/L	ET
0	Hexachloropropene	<10	µg/L	ET
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	ET
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	ET
0	Isophorone	<10	µg/L	ET
0	Isosafrole	<10	µg/L	ET
0	Kepone	<10	µg/L	ET
2	Lead	18	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
2	Lithium	1,500	µg/L	GE
0	Magnesium	5.5	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	0.58	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	ET
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	ET
0	Methyl methanesulfonate	<10	µg/L	ET
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	ET
0	3-Methylcholanthrene	<10	µg/L	ET
0	2-Methylnaphthalene	<10	µg/L	ET
0	N-Nitrosodi-n-butylamine	<10	µg/L	ET
0	N-Nitrosodi-propylamine	<10	µg/L	ET
0	N-Nitrosodiethylamine	<10	µg/L	ET
0	N-Nitrosodimethylamine	<10	µg/L	ET
0	N-Nitrosodiphenylamine	<10	µg/L	ET
0	N-Nitrosomethylethylamine	<10	µg/L	ET
0	N-Nitrosomorpholine	<10	µg/L	ET
0	N-Nitrosopiperidine	<10	µg/L	ET
0	N-Nitrosopyrrolidine	<10	µg/L	ET
0	Naphthalene	<10	µg/L	ET
0	1,4-Naphthoquinone	<10	µg/L	ET
0	1-Naphthylamine	<10	µg/L	ET
0	2-Naphthylamine	<10	µg/L	ET
0	Nickel	4.0	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	ET
0	2-Nitroaniline	<10	µg/L	ET
0	3-Nitroaniline	<10	µg/L	ET
0	4-Nitroaniline	<10	µg/L	ET
0	Nitrobenzene	<10	µg/L	ET
0	2-Nitrophenol	<10	µg/L	ET
0	4-Nitrophenol	<10	µg/L	ET
0	4-Nitroquinoline-1-oxide	<10	µg/L	ET
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	ET
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	ET
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	ET
0	Pentachloronitrobenzene	<10	µg/L	ET
0	Pentachlorophenol	<10	µg/L	ET
0	Phenacetin	<10	µg/L	ET
0	Phenanthrene	<10	µg/L	ET
0	Phenol	<10	µg/L	ET
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	ET
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	ET
0	Potassium	277,000	µg/L	GE
0	Pronamid	<10	µg/L	ET
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	ET
0	Pyridine	<10	µg/L	ET
0	Safrole	<10	µg/L	ET
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	ET
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	3,940	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	ET
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	ET
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 5C collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
2	Tetrachloroethylene	22	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	ET
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	ET
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	ET
0	Total dissolved solids	1.1E+06	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	183	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	ET
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
2	Trichloroethylene	89	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	ET
0	2,4,6-Trichlorophenol	<10	µg/L	ET
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	ET
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	4.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	5.8E-08 ± 6.3E-09	µCi/mL	GE
1	Total radium	3.2E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	4.6E-06 ± 4.0E-07	µCi/mL	GE

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91 — Time: 13:20
Depth to water: 115.55 ft (35.22 m) below TOC — pH: 5.8
Water elevation: 218.55 ft (66.61 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 25.3°C
Water evacuated before sampling: 3 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,650	µg/L	GE
0	Chloride	1,570	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	1,2-Dichloroethylene	<20	µg/L	GE

WELL MCB 6 collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	214	µg/L	GE
2	Manganese	87	µg/L	GE
1	Mercury	1.2	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Nickel	11	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	833	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	73	µg/L	GE
0	Total phosphates (as P)	450	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	1.2	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	117	µg/L	GE
0	Gross alpha	2.8E-09 ± 4.1E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 1.1E-08	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/91 — Time: 11:15
Depth to water: 138.18 ft (42.12 m) below TOC — pH: 6.5
Water elevation: 193.92 ft (59.11 m) msl — Alkalinity: 20 mg/L
Sp. conductance: 73 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	53	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE

WELL MCB 8C collected on 05/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	4,030	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	2,620	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	1,2-Dichloroethylene	< 20	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE

WELL MCB 8C collected on 05/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl Iodide)	< 15	µg/L	GE
0	Iron	5.9	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lithium	6.0	µg/L	GE
0	Magnesium	270	µg/L	GE
1	Manganese	29	µg/L	GE
0	Mercury	0.58	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	720	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	2,580	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 6C collected on 05/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	3,420	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total dissolved solids	67,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	28	µg/L	GE
1	Total organic halogens	28	µg/L	GE
0	Total phosphates (as P)	84	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.090	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91
Depth to water: 145.52 ft (44.36 m) below TOC
Water elevation: 192.18 ft (58.58 m) msl
Sp. conductance: 5370 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging

Time: 11:30
pH: 12.5
Alkalinity: 1464 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	3,900	µS/cm	GE
0	Acenaphthene	< 10	µg/L	ET
0	Acenaphthylene	< 10	µg/L	ET
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	ET
0	2-Acetylaminofluorene	< 10	µg/L	ET
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	ET
0	Aniline	< 10	µg/L	ET
0	Anthracene	< 10	µg/L	ET
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	ET
0	Arsenic	< 2.0	µg/L	GE
0	Barium	351	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	ET
0	Benzo[a]pyrene	< 10	µg/L	ET
0	Benzo[b]fluoranthene	< 10	µg/L	ET
0	Benzo[g,h,i]perylene	< 10	µg/L	ET
0	Benzo[k]fluoranthene	< 10	µg/L	ET
0	Benzyl alcohol	< 10	µg/L	ET
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	ET
0	Bis(2-chloroethyl) ether	< 10	µg/L	ET

WELL MCB 7C collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bis(2-ethylhexyl) phthalate	20	µg/L	ET
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	ET
0	Butylbenzyl phthalate	< 10	µg/L	ET
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	384,000	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	510	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	ET
0	4-Chloroaniline	< 10	µg/L	ET
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	ET
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	ET
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	MA
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	ET
0	2-Chlorophenol	< 10	µg/L	ET
0	4-Chlorophenyl phenyl ether	< 10	µg/L	ET
0	Chloroprene	< 200	µg/L	GE
0	Chromium	6.0	µg/L	GE
0	Chrysene	< 10	µg/L	ET
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	ET
0	m-Cresol (3-Methylphenol)	< 10	µg/L	ET
0	p-Cresol (4-Methylphenol)	< 10	µg/L	ET
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	ET
0	Di-n-octyl phthalate	< 10	µg/L	ET
0	Diallate	< 10	µg/L	ET
0	Dibenz[a,h]anthracene	< 10	µg/L	ET
0	Dibenzofuran	< 10	µg/L	ET
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	ET
0	1,3-Dichlorobenzene	< 10	µg/L	ET
0	1,4-Dichlorobenzene	< 10	µg/L	ET
0	3,3'-Dichlorobenzidine	< 10	µg/L	ET
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 5.0	µg/L	MA
0	1,2-Dichloroethylene	< 20	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	ET
0	2,6-Dichlorophenol	< 10	µg/L	ET
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	ET
0	Dimethoate	< 10	µg/L	ET
0	2,4-Dimethyl phenol	< 10	µg/L	ET
0	Dimethyl phthalate	< 10	µg/L	ET
0	p-Dimethylaminoazobenzene	< 10	µg/L	ET
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	ET
0	3,3'-Dimethylbenzidine	< 10	µg/L	ET
0	a,a-Dimethylphenethylamine	< 10	µg/L	ET
0	1,3-Dinitrobenzene	< 10	µg/L	ET
0	2,4-Dinitrophenol	< 45	µg/L	ET
0	2,4-Dinitrotoluene	< 10	µg/L	ET
0	2,6-Dinitrotoluene	< 10	µg/L	ET
0	1,4-Dioxane	< 10	µg/L	ET
0	Diphenylamine	< 10	µg/L	ET
0	Disulfoton	< 10	µg/L	ET
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	ET
0	Ethyl methanesulfonate	< 10	µg/L	ET
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	ET
0	Fluoranthene	< 10	µg/L	ET
0	Fluorene	< 10	µg/L	ET
0	Fluoride	120	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HpCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE

WELL MCB 7C collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2,3,4,6,7,8-HHPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	ET
0	Hexachlorobutadiene	< 10	µg/L	ET
0	Hexachlorocyclopentadiene	< 10	µg/L	ET
0	1,2,3,4,7,8-HPCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	ET
0	Hexachlorophene	< 10	µg/L	ET
0	Hexachloropropene	< 10	µg/L	ET
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	ET
0	Iodomethane (Methyl Iodide)	< 15	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	ET
0	Isophorone	< 10	µg/L	ET
0	Isosafrole	< 10	µg/L	ET
0	Kepone	< 10	µg/L	ET
0	Lead	6.8	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
2	Lithium	120	µg/L	GE
0	Magnesium	7.1	µg/L	GE
0	Manganese	10.0	µg/L	GE
0	Mercury	0.51	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	ET
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	ET
0	Methyl methanesulfonate	< 10	µg/L	ET
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	ET
0	3-Methylcholanthrene	< 10	µg/L	ET
0	2-Methylnaphthalene	< 10	µg/L	ET
0	N-Nitrosodi-n-butylamine	< 10	µg/L	ET
0	N-Nitrosodi-n-propylamine	< 10	µg/L	ET
0	N-Nitrosodiethylamine	< 10	µg/L	ET
0	N-Nitrosodimethylamine	< 10	µg/L	ET
0	N-Nitrosodiphenylamine	< 10	µg/L	ET
0	N-Nitrosomethylethylamine	< 10	µg/L	ET
0	N-Nitrosomorpholine	< 10	µg/L	ET
0	N-Nitrosopiperidine	< 10	µg/L	ET
0	N-Nitrosopyrrolidine	< 10	µg/L	ET
0	Naphthalene	< 10	µg/L	ET
0	1,4-Naphthoquinone	< 10	µg/L	ET
0	1-Naphthylamine	< 10	µg/L	ET
0	2-Naphthylamine	< 10	µg/L	ET
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	790	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	ET
0	2-Nitroaniline	< 10	µg/L	ET
0	3-Nitroaniline	< 10	µg/L	ET
0	4-Nitroaniline	< 10	µg/L	ET
0	Nitrobenzene	< 10	µg/L	ET
0	2-Nitrophenol	< 10	µg/L	ET
0	4-Nitrophenol	< 10	µg/L	ET
0	4-Nitroquinoline-1-oxide	< 10	µg/L	ET
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	ET
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	ET
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	ET
0	Pentachloronitrobenzene	< 10	µg/L	ET
0	Pentachlorophenol	< 10	µg/L	ET
0	Phenacetin	< 10	µg/L	ET
0	Phenanthrene	< 10	µg/L	ET
0	Phenol	< 10	µg/L	ET
1	Phenols	28	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	ET
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	ET
0	Potassium	28,000	µg/L	GE
0	Pronamid	< 10	µg/L	ET
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	ET
0	Pyridine	< 10	µg/L	ET
0	Safrole	< 10	µg/L	ET
0	2-sec Butyl 4,6-dinitrophenol	< 10	µg/L	ET
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE

WELL MCB 7C collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfotepp	< 10	µg/L	ET
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	ET
0	Tetrachlorodibenzo-p-furan Isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin Isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	2.4	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	ET
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	ET
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	ET
0	Total dissolved solids	763,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	ET
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
2	Trichloroethylene	15	µg/L	MA
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	ET
0	2,4,6-Trichlorophenol	< 10	µg/L	ET
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	ET
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.6E-09 ± 9.3E-09	µCi/mL	GE
0	Nonvolatile beta	1.9E-08 ± 1.1E-08	µCi/mL	GE
1	Total radium	3.2E-09 ± 3.8E-09	µCi/mL	GE
0	Tritium	3.2E-06 ± 3.0E-07	µCi/mL	GE

WELL MGA 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:40
Depth to water: 61.00 ft (18.59 m) below TOC
Water elevation: 237.30 ft (72.33 m) msl
The well pumped dry before all field parameters were collected.

WELL MGC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 15:15
Depth to water: 54.50 ft (16.61 m) below TOC pH: 6.5
Water elevation: 229.60 ft (69.98 m) msl
Sp. conductance: 247 µS/cm Water temperature: 21.4°C
No water was evacuated before sampling

WELL MGC 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 15:10
Depth to water: 61.50 ft (18.75 m) below TOC
Water elevation: 229.70 ft (70.01 m) msl
The well pumped dry before all field parameters were collected.

WELL MGC 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 15:02
Depth to water: 54.50 ft (16.61 m) below TOC pH: 6.1
Water elevation: 232.10 ft (70.74 m) msl
Sp. conductance: 215 µS/cm Water temperature: 21.2°C
No water was evacuated before sampling

ANALYTICAL RESULTS

WELL MGC 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 15:00
Depth to water: 53.00 ft (16.15 m) below TOC
Water elevation: 234.70 ft (71.54 m) msl
The well pumped dry before all field parameters were collected.

WELL MGC 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:50
Depth to water: 53.00 ft (16.15 m) below TOC pH: 4.9
Water elevation: 245.00 ft (74.68 m) msl
Sp. conductance: 57 µS/cm Water temperature: 21.2°C
No water was evacuated before sampling.

WELL MGC 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:35
Depth to water: 59.20 ft (18.04 m) below TOC pH: 5.2
Water elevation: 237.40 ft (72.38 m) msl
Sp. conductance: 33 µS/cm Water temperature: 21.5°C
No water was evacuated before sampling.

WELL MGE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 15:12
Depth to water: 54.80 ft (16.70 m) below TOC
Water elevation: 228.80 ft (69.74 m) msl
The well pumped dry before all field parameters were collected.

WELL MGE 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:10
Depth to water: 52.00 ft (15.85 m) below TOC
Water elevation: 233.00 ft (71.02 m) msl
The well pumped dry before all field parameters were collected.

WELL MGE 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:20
Depth to water: 45.30 ft (13.81 m) below TOC pH: 4.6
Water elevation: 236.90 ft (72.21 m) msl
Sp. conductance: 59 µS/cm Water temperature: 21.8°C
No water was evacuated before sampling.

WELL MGE 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:25
Depth to water: 57.90 ft (17.65 m) below TOC
Water elevation: 236.50 ft (72.09 m) msl
The well pumped dry before all field parameters were collected.

WELL MGG 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:00
Depth to water: 53.00 ft (16.15 m) below TOC
Water elevation: 231.00 ft (70.41 m) msl
The well pumped dry before all field parameters were collected.

WELL MGG 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:05
Depth to water: 48.00 ft (14.63 m) below TOC
Water elevation: 232.00 ft (70.71 m) msl
The well pumped dry before all field parameters were collected.

WELL MGG 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:18
Depth to water: 43.50 ft (13.26 m) below TOC
Water elevation: 234.30 ft (71.42 m) msl
The well pumped dry before all field parameters were collected.

WELL MGG 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:15
Depth to water: 41.30 ft (12.59 m) below TOC
Water elevation: 235.20 ft (71.69 m) msl
The well pumped dry before all field parameters were collected.

WELL MGG 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:30
Depth to water: 54.50 ft (16.61 m) below TOC pH: 6.2
Water elevation: 236.70 ft (72.15 m) msl
Sp. conductance: 38 µS/cm Water temperature: 21.3°C
No water was evacuated before sampling.

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 Time: 15:40
Depth to water: 150.02 ft (45.73 m) below TOC pH: 5.5
Water elevation: 204.78 ft (62.42 m) msl Alkalinity: 5 mg/L
Sp. conductance: 32 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 170 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	71	µg/L	GE
0	Arsenic	4.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,020	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	< 0.20	µg/L	GE

WELL MSB 1B collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,040	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	720	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	89	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	327	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	22	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.1E-07 ± 8.7E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91
Depth to water: 142.42 ft (43.41 m) below TOC
Water elevation: 212.68 ft (64.83 m) msl
Sp. conductance: 1218 µS/cm
Water evacuated before sampling: 28 gal
The well went dry during purging.

Time: 7:10
pH: 11.7
Alkalinity: 246 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	313	µS/cm	GE
2	Aluminum	2,300	µg/L	GE
0	Arsenic	4.0	µg/L	GE
0	Barium	160	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	48,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,300	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	7.2	µg/L	GE
0	Copper	10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	140	µg/L	GE
0	Iron	30	µg/L	GE
1	Lead	14	µg/L	GE
0	Magnesium	28	µg/L	GE
0	Manganese	9.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	13,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	33,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	66,000	µg/L	GE
0	Sulfate	13,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	73	µg/L	GE
0	Toluene	58	µg/L	GE
0	Total dissolved solids	202,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	80	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

WELL MSB 1C collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Trichloroethylene	43	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	15	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 7.8E-09	µCi/mL	GE
0	Total activity	4.8E-07 ± 8.9E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91
Depth to water: 140.30 ft (42.76 m) below TOC
Water elevation: 214.80 ft (65.41 m) msl
Sp. conductance: 201 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 7:35
pH: 8.5
Alkalinity: 37 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.8	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Aluminum	80	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,980	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	8.8	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	3.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	95	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,300	µg/L	GE
2	Manganese	89	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	34	µg/L	GE
2	Nitrate as nitrogen	10,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	26,000	µg/L	GE
0	Sulfate	3,750	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	25	µg/L	GE
0	Toluene	7.0	µg/L	GE
0	Total dissolved solids	111,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	43	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	29	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	110	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.5E-09	µCi/mL	GE
0	Total activity	1.0E-06 ± 8.9E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91
Depth to water: 127.12 ft (38.75 m) below TOC
Water elevation: 227.78 ft (69.43 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 47 gal
Time: 15:30
pH: 8.0
Alkalinity: 15 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.4	pH	GE
0	Specific conductance	87	µS/cm	GE
0	Specific conductance	85	µS/cm	GE
0	Aluminum	31	µg/L	GE
0	Aluminum	39	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,040	µg/L	GE
0	Chloride	2,080	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	630	µg/L	GE
0	Magnesium	630	µg/L	GE
1	Manganese	45	µg/L	GE
1	Manganese	45	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	5.6	µg/L	GE
0	Nickel	6.0	µg/L	GE
0	Nitrate as nitrogen	3,180	µg/L	GE
0	Nitrate as nitrogen	3,160	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	830	µg/L	GE
0	Potassium	810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silica	8,300	µg/L	GE

WELL MSB 1D collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10,000	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	4,620	µg/L	GE
0	Sulfate	4,620	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	14	µg/L	GE
2	Tetrachloroethylene	12	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	42,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	590	µg/L	GE
2	Total organic halogens	565	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	1.0	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	22	µg/L	GE
2	Trichloroethylene	22	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	25	µg/L	GE
0	Zinc	22	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.7E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91
Depth to water: 147.63 ft (45.00 m) below TOC
Water elevation: 206.97 ft (63.09 m) msl
Sp. conductance: 759 µS/cm
Water evacuated before sampling: 32 gal
The well went dry during purging
Time: 7:50
pH: 11.4
Alkalinity: 155 mg/L
Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	pH	12	pH	GE
2	Specific conductance	558	µS/cm	GE
2	Specific conductance	560	µS/cm	GE
2	Aluminum	1,100	µg/L	GE
2	Aluminum	1,100	µg/L	GE
0	Arsenic	4.0	µg/L	GE
0	Arsenic	2.8	µg/L	GE
0	Barium	47	µg/L	GE
0	Barium	48	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28,000	µg/L	GE
0	Calcium	28,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,770	µg/L	GE
0	Chloride	1,790	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	5.5	µg/L	GE
0	Copper	4.7	µg/L	GE
0	Cyanide	<5.0	µg/L	GE

WELL MSB 2B collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	3.0	µg/L	GE
0	1,1-Dichloroethylene	1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	230	µg/L	GE
0	Fluoride	230	µg/L	GE
0	Iron	78	µg/L	GE
0	Iron	88	µg/L	GE
0	Iron	74	µg/L	GE
0	Iron	73	µg/L	GE
0	Lead	6.2	µg/L	GE
0	Lead	6.5	µg/L	GE
0	Magnesium	55	µg/L	GE
0	Magnesium	52	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
1	Phenols	39	µg/L	GE
1	Phenols	48	µg/L	GE
0	Potassium	32,000	µg/L	GE
0	Potassium	31,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	51,000	µg/L	GE
0	Sodium	50,000	µg/L	GE
0	Sulfate	14,000	µg/L	GE
0	Sulfate	14,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	432	µg/L	GE
2	Tetrachloroethylene	737	µg/L	GE
0	Toluene	14	µg/L	GE
0	Toluene	11	µg/L	GE
0	Total dissolved solids	186,000	µg/L	GE
0	Total dissolved solids	182,000	µg/L	GE
2	Total organic carbon	10,000	µg/L	GE
2	Total organic carbon	10,000	µg/L	GE
2	Total organic halogens	1,070	µg/L	GE
2	Total organic halogens	772	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	1,490	µg/L	GE
2	Trichloroethylene	2,000	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	31	µg/L	GE
0	Zinc	29	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 2.5E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 8:05
Depth to water: 141.20 ft (43.04 m) below TOC — pH: 10.8
Water elevation: 213.50 ft (65.08 m) msl — Alkalinity: 87 mg/L
Sp. conductance: 389 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	315	µS/cm	GE
2	Aluminum	240	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
1	Benzene	4.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,270	µg/L	GE
0	Chlorobenzene	4.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	23	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	8,530	µg/L	GE
1	Phenols	39	µg/L	GE
0	Potassium	30,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	42,000	µg/L	GE
0	Sulfate	6,870	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	28,000	µg/L	GE
0	Toluene	87	µg/L	GE
0	Total dissolved solids	192,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
2	Total organic halogens	3,120	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	1,1,2-Trichloroethane	12	µg/L	GE
2	Trichloroethylene	67,000	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	2.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	2.8E-08 ± 5.4E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 16:15
Depth to water: 125.32 ft (38.20 m) below TOC — pH: 5.8
Water elevation: 228.48 ft (69.64 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 74 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Aluminum	39	µg/L	GE
0	Arsenic	2.2	µg/L	GE
0	Barium	31	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 2D collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,480	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	11	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	84	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,200	µg/L	GE
2	Manganese	71	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	4,770	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	970	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	18,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	503	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	492	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	318	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	17	µg/L	GE
0	Gross alpha	2.7E-08 ± 1.6E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.0E-08 ± 9.4E-07	µCi/mL	EM
2	Total radium	8.4E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 17:00
Depth to water: 154.17 ft (46.99 m) below TOC — pH: 5.7
Water elevation: 208.83 ft (63.04 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 167 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	22	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,090	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL MSB 3B collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.1	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	420	µg/L	GE
0	Manganese	22	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	560	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,500	µg/L	GE
0	Sulfate	1,520	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	45	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	732	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	1,560	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 14:15
Depth to water: 145.02 ft (44.20 m) below TOC — pH: 11.1
Water elevation: 215.78 ft (65.77 m) msl — Alkalinity: 131 mg/L
Sp. conductance: 594 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	482	µS/cm	GE
2	Aluminum	250	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	84	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,010	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	7.2	µg/L	GE
0	Copper	4.8	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	3.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	150	µg/L	GE
0	Iron	41	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	88	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	10,300	µg/L	GE
1	Phenols	30	µg/L	GE
0	Potassium	30,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE

WELL MSB 3C collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	QE
0	Sodium	58,000	µg/L	QE
0	Sulfate	9,280	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
2	Tetrachloroethylene	4,020	µg/L	QE
0	Toluene	28	µg/L	QE
0	Total dissolved solids	230,000	µg/L	QE
1	Total organic carbon	6,000	µg/L	QE
2	Total organic halogens	4,050	µg/L	QE
0	Total phosphates (as P)	60	µg/L	QE
0	1,1,1-Trichloroethane	3.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
2	Trichloroethylene	6,850	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Uranium	<1,000	µg/L	QE
0	Zinc	5.9	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
1	Nonvolatile beta	3.0E-08 ± 8.9E-09	µCi/mL	QE
0	Total radium	<1.0E-09	µCi/mL	QE
0	Tritium	<7.0E-07	µCi/mL	QE

WELL MSB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91
Depth to water: 131.92 ft (40.21 m) below TOC
Water elevation: 228.56 ft (69.67 m) msl
Sp. conductance: 77 µS/cm
No water was evacuated before sampling

Time: 14:40
pH: 5.8
Alkalinity: 18 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<2,000	µg/L	QE
0	Bromodichloromethane	<2,000	µg/L	QE
0	Bromoform	<2,000	µg/L	QE
0	Bromomethane (Methyl bromide)	<2,000	µg/L	QE
2	Carbon tetrachloride	2,000	µg/L	QE
2	Chlorobenzene	4,000	µg/L	QE
0	Chloroethane	<2,000	µg/L	QE
0	Chloroethene (Vinyl chloride)	<2,000	µg/L	QE
0	2-Chloroethyl vinyl ether	<2,000	µg/L	QE
0	Chloroform	<2,000	µg/L	QE
0	Chloroform	<2,500	µg/L	MA
0	Chloromethane (Methyl chloride)	<2,000	µg/L	QE
0	Dibromochloromethane	<2,000	µg/L	QE
0	1,1-Dichloroethane	<2,000	µg/L	QE
0	1,2-Dichloroethane	<2,000	µg/L	QE
0	1,1-Dichloroethylene	<2,000	µg/L	QE
0	1,1-Dichloroethylene	<2,500	µg/L	MA
0	trans-1,2-Dichloroethylene	<2,000	µg/L	QE
0	trans-1,2-Dichloroethylene	<2,500	µg/L	MA
0	Dichloromethane (Methylene chloride)	<2,000	µg/L	QE
0	1,2-Dichloropropane	<2,000	µg/L	QE
0	cis-1,3-Dichloropropene	<2,000	µg/L	QE
0	trans-1,3-Dichloropropene	<2,000	µg/L	QE
0	Ethylbenzene	<2,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<2,000	µg/L	QE
2	Tetrachloroethylene	9.5E+08	µg/L	QE
2	Tetrachloroethylene	177,000	µg/L	MA
0	Toluene	<2,000	µg/L	QE
2	1,1,1-Trichloroethane	2,000	µg/L	QE
0	1,1,1-Trichloroethane	<2,500	µg/L	MA
0	1,1,2-Trichloroethane	<2,000	µg/L	QE
2	Trichloroethylene	8.0E+07	µg/L	QE
2	Trichloroethylene	46,500	µg/L	MA
0	Trichlorofluoromethane	<2,000	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
0	Nonvolatile beta	<2.0E-09	µCi/mL	QE
0	Uranium alpha activity	<1.0E-09	µCi/mL	QE

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91
Depth to water: 151.78 ft (46.26 m) below TOC
Water elevation: 203.54 ft (62.04 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 172 gal

Time: 14:45
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	QE
0	Specific conductance	20	µS/cm	QE
0	Aluminum	38	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	3.8	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE

WELL MSB 4B collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	QE
0	Calcium	890	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	2,090	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	13	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Magnesium	330	µg/L	QE
0	Manganese	11	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Nickel	<4.0	µg/L	QE
0	Nitrate as nitrogen	740	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Potassium	<500	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	8,200	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	2,000	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
2	Tetrachloroethylene	8.0	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	10,000	µg/L	QE
0	Total organic carbon	<1,000	µg/L	QE
2	Total organic halogens	892	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
0	Trichloroethylene	<1.0	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Uranium	<1,000	µg/L	QE
0	Zinc	12	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
0	Nonvolatile beta	<2.0E-09	µCi/mL	QE
0	Total radium	<1.0E-09	µCi/mL	QE
0	Tritium	<7.0E-07	µCi/mL	QE

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91
Depth to water: 144.01 ft (43.89 m) below TOC
Water elevation: 211.19 ft (64.37 m) msl
Sp. conductance: 218 µS/cm
Water evacuated before sampling: 22 gal
The well went dry during purging.

Time: 13:55
pH: 7.7
Alkalinity: 42 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.1	pH	QE
0	Specific conductance	186	µS/cm	QE
0	Aluminum	31	µg/L	QE
0	Arsenic	<2.0	µg/L	QE
0	Barium	65	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	25,000	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	2,880	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Copper	5.4	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	QE

ANALYTICAL RESULTS

WELL MSB 4C collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Fluoride	<100	µg/L	QE
0	Iron	110	µg/l	QE
0	Iron	100	µg/L	QE
0	Lead	8.2	µg/l	QE
0	Magnesium	3,300	µg/L	QE
1	Manganese	48	µg/L	QE
0	Mercury	<0.20	µg/l	QE
0	Nickel	<4.0	µg/L	QE
2	Nitrate as nitrogen	10,100	µg/L	QE
0	Phenols	8.0	µg/L	QE
0	Potassium	5,200	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	12,000	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	14,000	µg/L	QE
0	Sulfate	1,380	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
2	Tetrachloroethylene	700	µg/L	QE
0	Toluene	38	µg/L	QE
0	Total dissolved solids	155,000	µg/L	QE
0	Total organic carbon	1,000	µg/L	QE
2	Total organic halogens	998	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	1,1,1-Trichloroethane	<1.0	µg/L	QE
0	1,1,2-Trichloroethane	1.0	µg/l	QE
2	Trichloroethylene	1,340	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Uranium	<1,000	µg/L	QE
0	Zinc	28	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/mL	QE
0	Nonvolatile beta	5.0E-09 ± 2.8E-09	µCi/mL	QE
0	Total radium	<1.0E-09	µCi/mL	QE
0	Tritium	<7.0E-07	µCi/mL	QE

WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 14:30
Depth to water: 128.34 ft (39.12 m) below TOC — pH: 4.8
Water elevation: 227.26 ft (69.27 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 100 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	QE
0	Specific conductance	80	µS/cm	QE
1	Aluminum	190	µg/L	QE
0	Arsenic	<2.0	µg/l	QE
0	Barium	25	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Calcium	3,300	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	2,810	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Copper	<4.0	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/l	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	<1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Ethylbenzene	<1.0	µg/l	QE
0	Fluoride	<100	µg/l	QE
0	Iron	12	µg/l	QE
0	Lead	<3.0	µg/l	QE
0	Magnesium	1,400	µg/l	QE
1	Manganese	37	µg/l	QE
0	Mercury	<0.20	µg/l	QE
0	Nickel	<4.0	µg/l	QE
1	Nitrate as nitrogen	8,280	µg/l	QE
0	Phenols	<5.0	µg/l	QE
0	Potassium	510	µg/l	QE
0	Selenium	<2.0	µg/L	QE
0	Silica	9,800	µg/l	QE
0	Silver	<2.0	µg/l	QE
0	Sodium	10,000	µg/l	QE

WELL MSB 4D collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	13,200	µg/l	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/l	QE
2	Tetrachloroethylene	75	µg/l	QE
0	Toluene	<1.0	µg/L	QE
0	Total dissolved solids	84,000	µg/l	QE
0	Total organic carbon	<1,000	µg/l	QE
2	Total organic halogens	149	µg/l	QE
0	Total phosphates (as P)	50	µg/L	QE
0	1,1,1-Trichloroethane	1.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/l	QE
2	Trichloroethylene	189	µg/l	QE
0	Trichlorofluoromethane	<1.0	µg/l	QE
0	Uranium	<1,000	µg/L	QE
0	Zinc	17	µg/L	QE
0	Gross alpha	<2.0E-09	µCi/ml	QE
0	Nonvolatile beta	5.0E-09 ± 3.0E-09	µCi/ml	QE
0	Total radium	2.2E-09 ± 2.7E-09	µCi/ml	QE
0	Tritium	1.7E-06 ± 2.0E-07	µCi/ml	QE

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 16:50
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 2 mg/L
Sp. conductance: 113 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	QE
0	Specific conductance	58	µS/cm	QE
0	Aluminum	30	µg/L	QE
0	Arsenic	<2.0	µg/l	QE
0	Barium	8.2	µg/L	QE
0	Benzene	<1.0	µg/L	QE
0	Bromodichloromethane	<1.0	µg/L	QE
0	Bromoform	<1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	QE
0	Cadmium	<2.0	µg/L	QE
0	Carbon tetrachloride	<1.0	µg/L	QE
0	Chloride	2,020	µg/L	QE
0	Chlorobenzene	<1.0	µg/L	QE
0	Chloroethane	<1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	QE
0	Chloroform	<1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	QE
0	Chromium	<4.0	µg/L	QE
0	Copper	28	µg/L	QE
0	Cyanide	<5.0	µg/L	QE
0	Dibromochloromethane	<1.0	µg/L	QE
0	1,1-Dichloroethane	<1.0	µg/L	QE
0	1,2-Dichloroethane	<1.0	µg/L	QE
0	1,1-Dichloroethylene	2.0	µg/L	QE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	QE
0	1,2-Dichloropropane	<1.0	µg/L	QE
0	cis-1,3-Dichloropropene	<1.0	µg/L	QE
0	trans-1,3-Dichloropropene	<1.0	µg/L	QE
0	Ethylbenzene	<1.0	µg/L	QE
0	Lead	<3.0	µg/L	QE
0	Mercury	<0.20	µg/L	QE
0	Nickel	<4.0	µg/L	QE
1	Nitrate as nitrogen	8,160	µg/L	QE
0	Phenols	<5.0	µg/L	QE
0	Selenium	<2.0	µg/L	QE
0	Silver	<2.0	µg/L	QE
0	Sodium	17,000	µg/L	QE
0	Sulfate	<1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	QE
2	Tetrachloroethylene	19	µg/L	QE
0	Toluene	<1.0	µg/L	QE
0	Total phosphates (as P)	<50	µg/L	QE
0	1,1,1-Trichloroethane	0.0	µg/L	QE
0	1,1,2-Trichloroethane	<1.0	µg/L	QE
2	Trichloroethylene	18	µg/L	QE
0	Trichlorofluoromethane	<1.0	µg/L	QE
0	Zinc	30	µg/L	QE
0	Uranium alpha activity	<1.0E-09	µCi/ml	QE

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 17:00
Depth to water: 139.66 ft (42.63 m) below TOC — pH: 5.9
Water elevation: 209.65 ft (62.08 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 105 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Aluminum	25	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	990	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,740	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	780	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	9,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	19	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 14:05
Depth to water: 125.37 ft (38.21 m) below TOC — pH: 11.0
Water elevation: 220.33 ft (67.16 m) msl — Alkalinity: 157 mg/L
Sp. conductance: 730 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	Specific conductance	580	µS/cm	GE
0	Aluminum	77	µg/L	GE
0	Aluminum	54	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	<1.0	µg/L	GE

WELL MSB 5C collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	4.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	220	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	14,900	µg/L	GE
0	Phenols	17	µg/L	GE
0	Potassium	54,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	78,000	µg/L	GE
0	Sulfate	39,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	151	µg/L	GE
0	Toluene	24	µg/L	GE
0	Total dissolved solids	299,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	87	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	7.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	5.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	5.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	5.5E-08 ± 6.5E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91 — Time: 7:35
Depth to water: 121.19 ft (36.94 m) below TOC — pH: 5.2
Water elevation: 222.71 ft (67.88 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 17.0°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	37	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	68	µg/L	GE
0	Barium	69	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,210	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	8.2	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL MSB 6A collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	360	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	7,200	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Zinc	12	µg/L	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91
Depth to water: 140.15 ft (42.72 m) below TOC
Water elevation: 205.15 ft (62.53 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 207 gal
Time: 7:45
pH: 8.4
Alkalinity: 20 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.7	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Aluminum	31	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	4,200	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,730	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,560	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	3,400	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	5,100	µg/L	GE
0	Sulfate	1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	17	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	770	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE

WELL MSB 6B collected on 04/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Trichloroethylene	710	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	22	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.4E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/01/91
Depth to water: 123.66 ft (37.69 m) below TOC
Water elevation: 220.54 ft (67.22 m) msl
Sp. conductance: 1055 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.
Time: 18:05
pH: 11.2
Alkalinity: 174 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	Specific conductance	810	µS/cm	GE
2	Aluminum	200	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	120	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	5,800	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,850	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	2.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	36	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	110	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
2	Nitrate as nitrogen	81,400	µg/L	GE
0	Phenols	20	µg/L	GE
0	Potassium	57,000	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	120,000	µg/L	GE
0	Sulfate	3,650	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Toluene	13	µg/L	GE
0	Total dissolved solids	552,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	8.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	19	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.0E-07 ± 1.3E-08	µCi/mL	GE
1	Total radium	3.0E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 13:40
Depth to water: 120.01 ft (36.58 m) below TOC — pH: 4.9
Water elevation: 224.49 ft (68.43 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Aluminum	45	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	7,190	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.4	µg/L	GE
0	Nitrate as nitrogen	3,130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	6.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	5.0	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 13:30
Depth to water: 140.34 ft (42.78 m) below TOC — pH: 12.0
Water elevation: 203.86 ft (62.14 m) msl — Alkalinity: 612 mg/L
Sp. conductance: 2480 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 34 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	2,200	µS/cm	GE
1	Aluminum	130	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	550	µg/L	GE
0	Barium	582	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	170,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	580	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	8.4	µg/L	GE

WELL MSB 7B collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	19	µg/L	GE
0	Magnesium	29	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	GE
0	Phenols	10	µg/L	GE
0	Potassium	91,000	µg/L	GE
0	Potassium	84,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	47,000	µg/L	GE
0	Sulfate	6,090	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	5.0	µg/L	GE
0	Total dissolved solids	605,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	23	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	3.8	µg/L	GE
0	Gross alpha	2.3E-09 ± 1.8E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91 — Time: 13:20
Depth to water: 125.62 ft (38.29 m) below TOC — pH: 6.9
Water elevation: 218.98 ft (66.75 m) msl — Alkalinity: 59 mg/L
Sp. conductance: 701 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
2	Specific conductance	505	µS/cm	GE
0	Aluminum	23	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	64	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	20,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,160	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	5.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	3.4	µg/L	GE
0	Magnesium	3,800	µg/L	GE
1	Manganese	47	µg/L	GE
0	Mercury	<0.20	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 7C collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	4.4	µg/L	GE
2	Nitrate as nitrogen	62,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	20,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	100,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	28	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	480,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	11	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	17	µg/L	GE
0	Gross alpha	4.6E-09 ± 5.1E-09	µCi/mL	GE
2	Nonvolatile beta	1.2E-07 ± 1.4E-08	µCi/mL	GE
1	Total radium	3.2E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 Time: 7:35
The well was dry.

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 Time: 7:55
Depth to water: 138.89 ft (42.33 m) below TOC pH: 5.1
Water elevation: 205.01 ft (62.49 m) msl Alkalinity: 2 mg/L
Sp. conductance: 23 µS/cm Water temperature: 17.6°C
Water evacuated before sampling: 158 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	29	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	620	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,890	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	26	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	6.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	820	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	36,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE

WELL MSB 8B collected on 04/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	3,910	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	17	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	5.4	µg/L	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 Time: 7:55
Depth to water: 138.89 ft (42.33 m) below TOC pH: 5.1
Water elevation: 205.01 ft (62.49 m) msl Alkalinity: 2 mg/L
Sp. conductance: 23 µS/cm Water temperature: 17.6°C
Water evacuated before sampling: 158 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	46	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	850	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,340	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	5.3	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	400	µg/L	GE
0	Manganese	8.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	550	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	32,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	3,030	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	10	µg/L	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/02/91 — Time: 7:45
Depth to water: 127.53 ft (38.87 m) below TOC — pH: 5.3
Water elevation: 216.47 ft (65.98 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 174 µS/cm — Water temperature: 17.2°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	144	µS/cm	GE
0	Aluminum	72	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,000	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	12	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	3,200	µg/L	GE
1	Manganese	27	µg/L	GE
0	Mercury	0.23	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	15,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	21,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,000	µg/L	GE
0	Sulfate	3,110	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	282	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	119,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	4,600	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	27	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	80	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	15	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.9E-09 ± 2.2E-09	µCi/mL	GE
1	Total radium	3.9E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 15:55
Depth to water: 149.47 ft (45.56 m) below TOC — pH: 5.2
Water elevation: 205.53 ft (62.65 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 230 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,020	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

WELL MSB 10A collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	27	µg/L	GE

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 16:25
Depth to water: 147.28 ft (44.89 m) below TOC — pH: 4.9
Water elevation: 207.44 ft (63.23 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,140	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	8,430	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	25	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 14:20
Depth to water: 155.59 ft (47.42 m) below TOC — pH: 5.7
Water elevation: 209.31 ft (63.80 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 207 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,980	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	7.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	83	µg/L	GE

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 14:10
Depth to water: 150.87 ft (45.92 m) below TOC — pH: 5.6
Water elevation: 214.13 ft (65.27 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	24	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE

WELL MSB 11B collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	305	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	59	µg/L	GE

WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 13:40
The well was dry.

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 11:45
The well was dry

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 13:55
Depth to water: 157.25 ft (47.93 m) below TOC — pH: 5.6
Water elevation: 191.25 ft (58.29 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 800 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Aluminum	22	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE

WELL MSB 12TA collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,940	µg/L	GE
0	Chloride	1,990	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,460	µg/L	GE
0	Sulfate	1,030	µg/L	GE
0	Sulfate	1,120	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	6.4	µg/L	GE

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 13:00
Depth to water: 157.85 ft (48.11 m) below TOC — pH: 5.0
Water elevation: 191.05 ft (58.23 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 518 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2 Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	6.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL MSB 12TB collected on 04/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	1,810	µg/L	GE
0	Sulfate	6,980	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	14	µg/L	GE

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 15:30
Depth to water: 141.25 ft (43.05 m) below TOC — pH: 4.8
Water elevation: 203.95 ft (62.16 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 194 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	34	µg/L	GE
0	Aluminum	33	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,130	µg/L	GE
0	Chloride	2,150	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	670	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 13A collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	660	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	189	µg/L	GE
2	Trichloroethylene	202	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	29	µg/L	GE
0	Zinc	48	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/91
Depth to water: 141.60 ft (43.16 m) below TOC
Water elevation: 203.60 ft (62.06 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 193 gal
Time: 12:25
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.7°C

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91
Depth to water: 151.38 ft (46.14 m) below TOC
Water elevation: 194.22 ft (59.20 m) msl
Sp. conductance: 2650 µS/cm
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.
Time: 15:10
pH: 11.9
Alkalinity: 697 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	64	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	470	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	36	µg/L	GE
0	Copper	20	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
2	Lead	81	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.9	µg/L	GE
2	Nitrate as nitrogen	18,200	µg/L	GE
0	Phenols	20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	43,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	30	µg/L	GE

WELL MSB 13B collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toluene	2.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	48	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/91
Depth to water: 151.04 ft (46.04 m) below TOC
Water elevation: 194.58 ft (59.30 m) msl
Sp. conductance: 2660 µS/cm
Water evacuated before sampling: 1 gal
The well went dry during purging.
Time: 12:00
pH: 12.1
Alkalinity: 605 mg/L
Water temperature: 21.6°C

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 124.71 ft (38.01 m) below TOC
Water elevation: 222.18 ft (67.72 m) msl
Sp. conductance: 261 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 8:20
pH: 5.5
Alkalinity: 8 mg/L
Water temperature: 17.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
1	Specific conductance	288	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,050	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	4.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	3.8	µg/L	GE
0	Magnesium	390	µg/L	GE
1	Manganese	30	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	13	µg/L	GE
2	Nitrate as nitrogen	25,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	51,000	µg/L	GE
0	Sulfate	13,600	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	24	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	168,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	44	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	38	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	50	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL MSB 13CC collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	5.0E-08 ± 6.0E-09	µCi/mL	GE
0	Total activity	2.2E-06 ± 1.1E-06	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 121.80 ft (37.08 m) below TOC
Water elevation: 226.10 ft (68.92 m) msl
Sp. conductance: 414 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 8:35
pH: 6.4
Alkalinity: 70 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
1	Specific conductance	360	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	6,300	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	4,650	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
1	1,1-Dichloroethylene	5.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	8.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	1,000	µg/L	GE
1	Manganese	33	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	41	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	5,100	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	83,000	µg/L	GE
0	Sulfate	11,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	28	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	277,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	30	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	9.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	26	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	26	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.6E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	2.1E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91
Depth to water: 134.11 ft (40.88 m) below TOC
Water elevation: 214.59 ft (65.41 m) msl
Sp. conductance: 168 µS/cm
Water evacuated before sampling: 68 gal

Time: 13:20
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	148	µS/cm	GE
0	Aluminum	68	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	61	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,440	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	4.8	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
1	1,1-Dichloroethylene	4.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
2	Nitrate as nitrogen	16,100	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	130	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	4.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	96	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	30	µg/L	GE

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91
Depth to water: 134.11 ft (40.88 m) below TOC
Water elevation: 214.59 ft (65.41 m) msl
Sp. conductance: 168 µS/cm
Water evacuated before sampling: 68 gal

Time: 13:20
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	147	µS/cm	GE
0	Aluminum	73	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	60	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,480	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 14B collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
1	1,1-Dichloroethylene	5.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	5.3	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	14,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	131	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	260	µg/L	GE
0	1,1,1-Trichloroethane	5.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	131	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	30	µg/L	GE

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 Time: 13:05
The well was dry

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 Time: 15:05
Depth to water: 157.79 ft (48.09 m) below TOC pH: 5.5
Water elevation: 211.71 ft (64.53 m) msl Alkalinity: 8 mg/L
Sp. conductance: 29 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 181 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	7.9	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,500	µg/L	GE
0	Chloride	1,940	µg/L	GE
0	Chloroform	< 2.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 2.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	4.2	µg/L	GE
0	Lead	2.1	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	590	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	38,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	7.4	µg/L	MA
0	Total dissolved solids	56,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA
2	Trichloroethylene	85	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 12:30
Depth to water: 145.83 ft (44.48 m) below TOC pH: 4.8
Water elevation: 212.07 ft (64.64 m) msl Alkalinity: 0 mg/L
Sp. conductance: 186 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 151 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	162	µS/cm	GE
0	Aluminum	88	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	35	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Carbon tetrachloride	3.0	µg/L	GE
0	Chloride	5,800	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
2	1,1-Dichloroethylene	26	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
2	Nitrate as nitrogen	18,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	16,000	µg/L	GE
0	Sulfate	1,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	247	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	25	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	53	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	17	µg/L	GE

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 11:50
The well was dry.

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 12:15
Depth to water: 135.97 ft (41.44 m) below TOC pH: 5.0
Water elevation: 224.23 ft (68.35 m) msl Alkalinity: 2 mg/L
Sp. conductance: 30 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	6.2	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	770	µg/L	GE
0	Chloride	1,270	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA

WELL MSB 19B collected on 04/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	4.7	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	750	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Zinc	17	µg/L	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/03/91
Depth to water: 64.02 ft (19.51 m) below TOC
Water elevation: 236.18 ft (71.99 m) msl
Sp. conductance: 103 µS/cm
Water evacuated before sampling: 100 gal
Time: 16:40
pH: 5.1
Alkalinity: 3 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	82	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,430	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	3.4	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,440	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	8,300	µg/L	GE
0	Sulfate	20,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	20	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	102	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Zinc	150	µg/L	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 359 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.
Time: 9:20
pH: 11.1
Alkalinity: 101 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	2.4	µg/L	MA

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/91
Depth to water: 136.14 ft (41.50 m) below TOC
Water elevation: 217.26 ft (66.22 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 169 gal
Time: 12:50
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	30	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	5.6	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,820	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	4.8	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,280	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2 Trichloroethane	< 1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Zinc	58	µg/L	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/91 — Time: 13:35
Depth to water: 137.04 ft (41.77 m) below TOC — pH: 5.5
Water elevation: 216.28 ft (66.53 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 198 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Chloride	1,863	µg/L	GE
0	Chloroform	7.9	µg/L	MA
0	Chloroform	8.2	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<5.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	790	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	4.7	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Total dissolved solids	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	155	µg/L	MA
2	Trichloroethylene	171	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/91 — Time: 13:05
Depth to water: 127.02 ft (38.72 m) below TOC — pH: 5.0
Water elevation: 226.38 ft (69.00 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,070	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	14	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	9.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE

WELL MSB 21C collected on 04/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	770	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	28	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/91 — Time: 14:10
Depth to water: 160.80 ft (49.01 m) below TOC — pH: 5.0
Water elevation: 193.90 ft (59.10 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 58 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 475 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Aluminum	83	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,010	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	5.4	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	9,040	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	11	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 10:55
Depth to water: 151.70 ft (46.24 m) below TOC — pH: 8.1
Water elevation: 218.90 ft (67.03 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Chloride	2,570	µg/L	GE
0	Chloroform	< 5.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 5.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	132	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	250	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,880	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,760	µg/L	GE
0	Sulfate	2,350	µg/L	GE
2	Tetrachloroethylene	48	µg/L	MA
0	Total dissolved solids	28,000	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA
2	Trichloroethylene	399	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 10:40
Depth to water: 176.10 ft (53.68 m) below TOC — pH: 4.7
Water elevation: 196.80 ft (59.99 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 22.5°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	1.5	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 11:05
Depth to water: 176.10 ft (53.68 m) below TOC — pH: 5.7
Water elevation: 196.80 ft (59.99 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 89 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 5.0	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 5.0	µg/L	MA
0	Tetrachloroethylene	< 5.0	µg/L	MA
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA
2	Trichloroethylene	38	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 11:35
Depth to water: 176.10 ft (53.68 m) below TOC — pH: 4.9
Water elevation: 196.80 ft (59.99 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 179 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
1	Trichloroethylene	3.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 12:05
Depth to water: 176.10 ft (53.68 m) below TOC — pH: 4.8
Water elevation: 196.80 ft (59.99 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 269 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/10/91 — Time: 12:35
Depth to water: 176.10 ft (53.68 m) below TOC — pH: 4.7
Water elevation: 196.80 ft (59.99 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 358 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	1.5	µg/L	MA

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 10:45
Depth to water: 140.44 ft (42.81 m) below TOC — pH: 5.0
Water elevation: 220.48 ft (67.20 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 135 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 10	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	trans-1,2-Dichloroethylene	< 10	µg/L	MA
2	Tetrachloroethylene	98	µg/L	MA
0	1,1,1-Trichloroethane	< 10	µg/L	MA
2	Trichloroethylene	553	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 10:55
Depth to water: 147.00 ft (44.81 m) below TOC — pH: 5.5
Water elevation: 218.20 ft (65.90 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 250 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	37	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,310	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	8.4	µg/L	MA
0	trans-1,2-Dichloroethylene	9.2	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Manganese	2.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	43,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	700	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	185	µg/L	GE
2	Trichloroethylene	314	µg/L	MA
2	Trichloroethylene	322	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.2E-08 ± 2.9E-07	µCi/mL	GE

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 10:55
Depth to water: 147.00 ft (44.81 m) below TOC — pH: 5.5
Water elevation: 218.20 ft (65.90 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 250 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,320	µg/L	GE
0	Chloroform	1.4	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	8.4	µg/L	MA
0	trans-1,2-Dichloroethylene	9.2	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Manganese	2.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE

WELL MSB 26B collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	1.2	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	307	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	178	µg/L	GE
2	Trichloroethylene	141	µg/L	MA
2	Trichloroethylene	155	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.3E-08 ± 2.9E-07	µCi/mL	GE

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 10:10
Depth to water: 137.40 ft (41.91 m) below TOC — pH: 4.8
Water elevation: 238.01 ft (72.55 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 55 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 11 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 9:55
Depth to water: 154.83 ft (47.19 m) below TOC — pH: 5.0
Water elevation: 221.87 ft (67.66 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 151 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<5.0	µg/L	MA
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	355	µg/L	MA

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 10:35
Depth to water: 178.40 ft (53.77 m) below TOC — pH: 4.8
Water elevation: 200.20 ft (61.02 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 303 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 15:50
Depth to water: 126.75 ft (38.63 m) below TOC — pH: 6.9
Water elevation: 227.85 ft (69.39 m) msl — Alkalinity: 28 mg/L
Sp. conductance: 70 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA

WELL MSB 28 collected on 04/18/01, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/01 — Time: 16:25
Depth to water: 148.21 ft (44.57 m) below TOC — pH: 8.0
Water elevation: 219.19 ft (66.81 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 283 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.3	pH	QE
0	Specific conductance	41	µS/cm	QE
0	Acenaphthene	< 10	µg/L	QE
0	Acenaphthylene	< 10	µg/L	QE
0	Acetone	3.0	µg/L	QE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	QE
0	Acetophenone	< 10	µg/L	QE
0	2-Acetylaminofluorene	< 10	µg/L	QE
0	Acrolein	< 20	µg/L	QE
0	Acrylonitrile	< 20	µg/L	QE
0	Aldrin	< 0.50	µg/L	QE
0	Allyl chloride	< 50	µg/L	QE
0	4-Aminobiphenyl	< 10	µg/L	QE
0	Aniline	< 10	µg/L	QE
0	Anthracene	< 10	µg/L	QE
0	Antimony	< 2.0	µg/L	QE
0	Aramite	< 10	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	25	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	alpha-Benzene hexachloride	< 0.50	µg/L	QE
0	beta-Benzene hexachloride	< 0.50	µg/L	QE
0	delta-Benzene hexachloride	< 0.50	µg/L	QE
0	Benzo[a]anthracene	< 10	µg/L	QE
0	Benzo[a]pyrene	< 10	µg/L	QE
0	Benzo[b]fluoranthene	< 10	µg/L	QE
0	Benzo[g,h,i]perylene	< 10	µg/L	QE
0	Benzo[k]fluoranthene	< 10	µg/L	QE
0	Benzyl alcohol	< 10	µg/L	QE
0	Beryllium	< 5.0	µg/L	QE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	QE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	QE
0	Bis(2-chloroethyl) ether	< 10	µg/L	QE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	4-Bromophenyl phenyl ether	< 10	µg/L	QE
0	Butylbenzyl phthalate	< 10	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Carbon disulfide	< 1.0	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	QE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	QE
0	Chlordane	< 0.50	µg/L	QE
0	Chloride	1,580	µg/L	QE
0	para-Chloro meta-cresol	< 10	µg/L	QE
0	4-Chloroaniline	< 10	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chlorobenzilate	< 10	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 10	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	2-Chloronaphthalene	< 10	µg/L	QE
0	2-Chlorophenol	< 10	µg/L	QE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	QE
0	Chloroprene	< 200	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Chrysene	< 10	µg/L	QE
0	Cobalt	< 4.0	µg/L	QE
0	Copper	6.0	µg/L	QE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	QE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	QE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	p,p'-DDD	< 0.50	µg/L	QE
0	p,p'-DDE	< 0.50	µg/L	QE
0	p,p'-DDT	< 0.50	µg/L	QE
0	Di-n-butyl phthalate	< 10	µg/L	QE
0	Di-n-octyl phthalate	< 10	µg/L	QE
0	Diallate	< 10	µg/L	QE
0	Dibenz[a,h]anthracene	< 10	µg/L	QE
0	Dibenzofuran	< 10	µg/L	QE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	QE
0	Dibromochloro methane	< 1.0	µg/L	QE
0	1,2-Dibromoethane	< 20	µg/L	QE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	QE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	QE
0	1,2-Dichlorobenzene	< 10	µg/L	QE
0	1,3-Dichlorobenzene	< 10	µg/L	QE

WELL MSB 29A collected on 04/22/01, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,4-Dichlorobenzene	< 10	µg/L	QE
0	3,3'-Dichlorobenzidine	< 10	µg/L	QE
0	Dichlorodifluoromethane	3.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	6.8	µg/L	QE
0	2,4-Dichlorophenol	< 10	µg/L	QE
0	2,6-Dichlorophenol	< 10	µg/L	QE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Dieldrin	< 0.50	µg/L	QE
0	Diethyl phthalate	< 10	µg/L	QE
0	Dimethoate	< 10	µg/L	QE
0	2,4-Dimethyl phenol	< 10	µg/L	QE
0	Dimethyl phthalate	< 10	µg/L	QE
0	p-Dimethylaminoazobenzene	< 10	µg/L	QE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	QE
0	3,3'-Dimethylbenzidine	< 10	µg/L	QE
0	a,a-Dimethylphenethylamine	< 10	µg/L	QE
0	1,3-Dinitrobenzene	< 10	µg/L	QE
0	2,4-Dinitrophenol	< 48	µg/L	QE
0	2,4-Dinitrotoluene	< 10	µg/L	QE
0	2,6-Dinitrotoluene	< 10	µg/L	QE
0	1,4-Dioxane	< 10	µg/L	QE
0	Diphenylamine	< 10	µg/L	QE
0	Disulfoton	< 10	µg/L	QE
0	Endosulfan I	< 0.10	µg/L	QE
0	Endosulfan II	< 0.10	µg/L	QE
0	Endosulfan sulfate	< 0.10	µg/L	QE
0	Endrin	< 0.0060	µg/L	QE
0	Endrin aldehyde	< 0.10	µg/L	QE
0	Ethyl methacrylate	< 10	µg/L	QE
0	Ethyl methanesulfonate	< 10	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Famphur	< 10	µg/L	QE
0	Fluoranthene	< 10	µg/L	QE
0	Fluorene	< 10	µg/L	QE
0	Heptachlor	< 0.50	µg/L	QE
0	Heptachlor epoxide	< 0.50	µg/L	QE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	QE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	QE
0	1,2,3,4,6,7,8-HPCDF	< 0.00045	µg/L	QE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	QE
0	Hexachlorobenzene	< 10	µg/L	QE
0	Hexachlorobutadiene	< 10	µg/L	QE
0	Hexachlorocyclopentadiene	< 10	µg/L	QE
0	1,2,3,4,7,8-HPCDD	< 0.00045	µg/L	QE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	QE
0	1,2,3,4,7,8-HPCDF	< 0.00040	µg/L	QE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	QE
0	Hexachloroethane	< 10	µg/L	QE
0	Hexachlorophene	< 10	µg/L	QE
0	Hexachloropropene	< 10	µg/L	QE
0	2-Hexanone	< 1.0	µg/L	QE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	QE
0	Iodomethane (Methyl iodide)	< 15	µg/L	QE
0	Isobutyl alcohol	< 100	µg/L	QE
0	Isodrin	< 10	µg/L	QE
0	Isophorone	< 10	µg/L	QE
0	Isosafrole	< 10	µg/L	QE
0	Kepone	< 10	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Lindane	< 0.0050	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Methacrylonitrile	< 50	µg/L	QE
0	Methapyrilene	< 10	µg/L	QE
0	Methoxychlor	< 0.50	µg/L	QE
0	Methyl ethyl ketone	< 10	µg/L	QE
0	Methyl isobutyl ketone	< 1.0	µg/L	QE
0	Methyl methacrylate	< 10	µg/L	QE
0	Methyl methanesulfonate	< 10	µg/L	QE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	QE
0	3-Methylcholanthrene	< 10	µg/L	QE
0	2-Methylnaphthalene	< 10	µg/L	QE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	QE
0	N-Nitrosodi-propylamine	< 10	µg/L	QE
0	N-Nitrosodiethylamine	< 10	µg/L	QE
0	N-Nitrosodimethylamine	< 10	µg/L	QE
0	N-Nitrosodiphenylamine	< 10	µg/L	QE
0	N-Nitrosomethylethylamine	< 10	µg/L	QE
0	N-Nitrosomorpholine	< 10	µg/L	QE
0	N-Nitrosopiperidine	< 10	µg/L	QE
0	N-Nitrosopyrrolidine	< 10	µg/L	QE
0	Naphthalene	< 10	µg/L	QE
0	1,4-Naphthoquinone	< 10	µg/L	QE
0	1-Naphthylamine	< 10	µg/L	QE
0	2-Naphthylamine	< 10	µg/L	QE
0	Nickel	7.7	µg/L	QE
0	Nitrate as nitrogen	< 50	µg/L	QE
0	5-Nitro-o-toluidine	< 10	µg/L	QE
0	2-Nitroaniline	< 10	µg/L	QE
0	3-Nitroaniline	< 10	µg/L	QE
0	4-Nitroaniline	< 10	µg/L	QE
0	Nitrobenzene	< 10	µg/L	QE
0	2-Nitrophenol	< 10	µg/L	QE
0	4-Nitrophenol	< 10	µg/L	QE

ANALYTICAL RESULTS

WELL MSB 29A collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Propamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	1,580	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	2.2	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
1	Trichlorofluoromethane	8.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	13	µg/L	GE
0	Total radium	1.7E-09 ± 2.5E-09	µCi/mL	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 16:55
Depth to water: 141.87 ft (43.24 m) below TOC — pH: 4.7
Water elevation: 223.33 ft (68.07 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 16.8°C
Water evacuated before sampling: 198 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	2.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE

WELL MSB 29B collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	2,660	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	29	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2 Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.10	µg/L	GE

WELL MSB 29B collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	30	µg/L	GE
0	Nitrate as nitrogen	1,470	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<250	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE

WELL MSB 29B collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,670	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	9.8	µg/L	GE
0	Total radium	1.0E-09 ± 2.4E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91
Depth to water: 135.58 ft (41.33 m) below TOC
Water elevation: 229.62 ft (69.99 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 142 gal
Time: 17:45
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	2.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 29C collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	2,060	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.5	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE

WELL MSB 29C collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	2.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	4.9	µg/L	GE
0	Nitrate as nitrogen	1,500	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
2	Trichlorofluoromethane	18	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE

WELL MSB 29C collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	14	µg/L	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 15:35
Depth to water: 133.82 ft (40.79 m) below TOC — pH: 4.8
Water elevation: 231.28 ft (70.50 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	2.5	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	2,570	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	11	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE

WELL MSB 29D collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.10	µg/L	GE
0	Endosulfan II	< 0.10	µg/L	GE
0	Endosulfan sulfate	< 0.10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.10	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	< 0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0.00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	3.9	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	7.7	µg/L	GE
0	Nitrate as nitrogen	1,820	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 29D collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	4,540	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/l	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	5.9	µg/L	GE
1	Total radium	3.3E-09 ± 2.9E-09	µCi/mL	GE

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 15:00
Depth to water: 153.45 ft (46.77 m) below TOC — pH: 4.9
Water elevation: 211.75 ft (64.54 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 397 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/l	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/l	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/l	GE

WELL MSB 29TA collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	3.1	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	1,660	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	7.7	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/l	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/l	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/l	GE
0	1,1-Dichloroethane	< 1.0	µg/l	GE
0	1,2-Dichloroethane	< 1.0	µg/l	GE
0	1,1-Dichloroethylene	< 1.0	µg/l	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/l	GE
0	Dichloromethane (Methylene chloride)	4.3	µg/l	GE
0	2,4-Dichlorophenol	< 10	µg/l	GE
0	2,6-Dichlorophenol	< 10	µg/l	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/l	GE
0	1,2-Dichloropropane	< 1.0	µg/l	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/l	GE
0	Dieldrin	< 0.50	µg/l	GE
0	Diethyl phthalate	< 10	µg/l	GE
0	Dimethoate	< 10	µg/l	GE
0	2,4-Dimethyl phenol	< 10	µg/l	GE
0	Dimethyl phthalate	< 10	µg/l	GE
0	p-Dimethylaminoazobenzene	< 10	µg/l	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/l	GE
0	3,3'-Dimethylbenzidine	< 10	µg/l	GE
0	a,a-Dimethylphenethylamine	< 10	µg/l	GE
0	1,3-Dinitrobenzene	< 10	µg/l	GE
0	2,4-Dinitrophenol	< 45	µg/l	GE
0	2,4-Dinitrotoluene	< 10	µg/l	GE
0	2,6-Dinitrotoluene	< 10	µg/l	GE

WELL MSB 29TA collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophane	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	GE
0	Iodomethane (Methyl Iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	540	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE

WELL MSB 29TA collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	3,160	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan Isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin Isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	1.5	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.8	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	3.0	µg/L	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/91 — Time: 16:00
Depth to water: 156.89 ft (47.82 m) below TOC — pH: 6.2
Water elevation: 197.71 ft (60.26 m) msl — Alkalinity: 21 mg/L
Sp. conductance: 65 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 449 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 9:20
Depth to water: 131.13 ft (39.97 m) below TOC — pH: 5.9
Water elevation: 221.47 ft (67.50 m) msl — Alkalinity: 12 mg/L
Sp. conductance: 77 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 70 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/91 — Time: 15:10
Depth to water: 129.72 ft (39.54 m) below TOC — pH: 4.3
Water elevation: 223.38 ft (68.09 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 260 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/91 — Time: 15:45
Depth to water: 125.41 ft (38.23 m) below TOC — pH: 5.0
Water elevation: 229.48 ft (69.95 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/07/91 — Time: 15:35
Depth to water: 131.53 ft (40.09 m) below TOC — pH: 4.9
Water elevation: 222.17 ft (67.72 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 164 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 15:40
Depth to water: 151.20 ft (46.09 m) below TOC — pH: 4.8
Water elevation: 196.00 ft (59.74 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 483 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	3.6	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,810	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	11	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE

WELL MSB 31A collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	370	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,730	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Zinc	18	µg/L	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 14:50
Depth to water: 137.47 ft (41.90 m) below TOC — pH: 4.4
Water elevation: 210.03 ft (64.02 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Aluminum	32	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,260	µg/L	GE
0	Chloride	2,210	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	3.9	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,300	µg/L	GE
0	Nitrate as nitrogen	2,280	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,260	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	22	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	350	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Zinc	11	µg/L	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 15:55
Depth to water: 137.78 ft (41.99 m) below TOC — pH: 5.9
Water elevation: 211.04 ft (64.33 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 93 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	61	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Barium	16	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,590	µg/L	GE
0	Calcium	5,580	µg/L	GE
0	Chloride	1,990	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	33	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	626	µg/L	GE
0	Magnesium	625	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,350	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	818	µg/L	GE
0	Potassium	819	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,800	µg/L	GE
0	Silica	11,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,960	µg/L	GE
0	Sodium	1,950	µg/L	GE
0	Sulfate	1,670	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Total dissolved solids	67,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	106	µg/L	GE
2	Total organic halogens	122	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	291	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 — Time: 10:20
Depth to water: 30.69 ft (9.35 m) below TOC — pH: 4.9
Water elevation: 224.61 ft (68.46 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	190	µg/L	GE
0	Chloride	2,390	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	120	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	2.7	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	1,040	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL MSB 32 collected on 04/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	9.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 12:55
Depth to water: 37.99 ft (11.58 m) below TOC — pH: 4.7
Water elevation: 218.61 ft (66.63 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 58 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
1	Tetrachloroethylene	4.8	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	10	µg/L	MA

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 12:00
Depth to water: 52.46 ft (15.99 m) below TOC — pH: 4.9
Water elevation: 202.94 ft (61.86 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 311 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	950	µg/L	GE
0	Chloride	1,740	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Manganese	2.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	970	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	4.5	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	15,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	12	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 12:35
Depth to water: 48.24 ft (14.70 m) below TOC — pH: 4.7
Water elevation: 206.96 ft (63.08 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 17.9°C
Water evacuated before sampling: 222 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.9	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 33B collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Barium	3.4	µg/L	GE
0	Barium	3.6	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	670	µg/L	GE
0	Calcium	680	µg/L	GE
0	Chloride	2,770	µg/L	GE
0	Chloride	2,890	µg/L	GE
0	Chloroform	1.9	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Iron	8.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,020	µg/L	GE
0	Nitrate as nitrogen	950	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	6.2	µg/L	GE
0	Selenium	5.4	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,700	µg/L	GE
0	Sodium	4,700	µg/L	GE
0	Sulfate	1,200	µg/L	GE
0	Sulfate	1,200	µg/L	GE
2	Tetrachloroethylene	9.1	µg/L	MA
0	Total dissolved solids	42,000	µg/L	GE
0	Total dissolved solids	45,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total organic halogens	21	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	8.2	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/mL	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 12:50
Depth to water: 45.43 ft (13.85 m) below TOC — pH: 4.8
Water elevation: 209.87 ft (63.97 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 112 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
1	Tetrachloroethylene	4.3	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	19	µg/L	MA

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 13:05
Depth to water: 63.11 ft (19.24 m) below TOC — pH: 4.8
Water elevation: 192.39 ft (58.64 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 453 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE

WELL MSB 33TA collected on 04/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	1,770	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	82	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
2	Manganese	84	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	350	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	4.2	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	4,080	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 14:05
Depth to water: 159.18 ft (48.52 m) below TOC — pH: 4.7
Water elevation: 223.92 ft (68.25 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 111 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<5.0	µg/L	MA
2	Tetrachloroethylene	27	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	207	µg/L	MA

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 13:40
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	790	µg/L	GE
0	Chloride	1,520	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE
1	Lead	13	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	5.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,610	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,270	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	2,240	µg/L	GE
2	Tetrachloroethylene	19	µg/L	MA
0	Total dissolved solids	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	68	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE

WELL MSB 34C collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	103	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 14:15
Depth to water: 182.20 ft (55.54 m) below TOC — pH: 5.8
Water elevation: 200.30 ft (61.05 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 795 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,000	µg/L	GE
0	Chloride	1,950	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
2	Iron	300	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	220	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,710	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	9,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	4.7E-07 ± 1.1E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 13:05
Depth to water: 181.63 ft (55.38 m) below TOC — pH: 5.0
Water elevation: 201.17 ft (61.32 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 355 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Chloride	2,050	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
1	Iron	270	µg/L	GE
1	Lead	13	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,380	µg/L	GE
0	Silver	<2.0	µg/L	GE

WELL MSB 34TB collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	3,400	µg/L	GE
0	Sulfate	9,820	µg/L	GE
0	Tetrachloroethylene	1.2	µg/L	MA
0	Total dissolved solids	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 3.7E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 3.4E-09	µCi/mL	GE
0	Total activity	-3.9E-07 ± 1.1E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 8:10
Depth to water: 136.98 ft (41.63 m) below TOC — pH: 4.6
Water elevation: 214.52 ft (65.39 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 234 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Chloride	2,430	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	7.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	460	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,120	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	2,780	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 8:35
Depth to water: 134.27 ft (40.93 m) below TOC — pH: 5.3
Water elevation: 217.53 ft (66.30 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 137 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,130	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA

WELL MSB 35B collected on 04/05/91, laboratory analyses (cont)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	9.8	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	120	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	2,130	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	11,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 8:35
Depth to water: 134.27 ft (40.93 m) below TOC — pH: 5.3
Water elevation: 217.59 ft (66.30 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 137 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	2.8	µg/L	GE
0	Barium	5.6	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,150	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	7.6	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	130	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sulfate	1,790	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
1	Total organic halogens	26	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 9:05
The well was dry

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/05/91 — Time: 8:50
Depth to water: 152.28 ft (46.41 m) below TOC — pH: 4.7
Water elevation: 198.14 ft (60.39 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 429 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	4.7	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	870	µg/L	GE
0	Chloride	1,740	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	99	µg/L	GE
0	Lead	5.7	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,900	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	3,170	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	8,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1 Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	< 2.0E-09	µCi/ml	GE
0	Total radium	1.7E-09 ± 2.8E-09	µCi/ml	GE
0	Tritium	< 7.0E-07	µCi/ml	GE

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 15:15
Depth to water: 132.48 ft (40.37 m) below TOC — pH: 4.7
Water elevation: 208.14 ft (63.44 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 286 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Aluminum	33	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,210	µg/L	GE
0	Chloride	2,150	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	19	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
1	Lead	1.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	7.4	µg/L	GE

WELL MSB 36A collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	180	µg/L	QE
0	Nitrate as nitrogen	210	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silver	8.4	µg/L	QE
0	Sodium	2,180	µg/L	QE
0	Sulfate	22,900	µg/L	QE
0	Sulfate	7,660	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	Total phosphates (as P)	14	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
2	Trichloroethylene	10	µg/L	QE
2	Trichlorofluoromethane	11	µg/L	QE
0	Zinc	23	µg/L	QE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	QE

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91
Depth to water: 127.95 ft (39.00 m) below TOC
Water elevation: 212.85 ft (64.88 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 62 gal
Time: 17:20
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	QE
0	Specific conductance	25	µS/cm	QE
0	Aluminum	22	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	6.7	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	1,900	µg/L	QE
0	Chloride	1,550	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Copper	4.9	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Nickel	< 4.0	µg/L	QE
0	Nitrate as nitrogen	1,400	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	2,400	µg/L	QE
0	Sulfate	7,020	µg/L	QE
0	Sulfate	< 1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	2.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
2	Trichloroethylene	29	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Zinc	13	µg/L	QE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	QE

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 112.85 ft (34.40 m) below TOC
Water elevation: 228.85 ft (69.69 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging
Time: 14:05
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	QE
0	Specific conductance	81	µS/cm	QE
0	Aluminum	< 20	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	18	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
1	Chloride	120,000	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Copper	70	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
2	Lead	28	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Nickel	14	µg/L	QE
0	Nitrate as nitrogen	3,490	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	9,780	µg/L	QE
0	Sulfate	1,240	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
0	Trichloroethylene	< 1.0	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Zinc	38	µg/L	QE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	QE

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 148.22 ft (44.57 m) below TOC
Water elevation: 194.38 ft (59.25 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 378 gal
Time: 13:45
pH: 5.7
Alkalinity: 10 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	QE
0	Specific conductance	22	µS/cm	QE
0	Aluminum	< 20	µg/L	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	8.7	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	2,160	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Copper	5.1	µg/L	QE
0	Cyanide	< 5.0	µg/L	QE

ANALYTICAL RESULTS

WELL MSB 36TA collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	5.4	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,660	µg/L	GE
0	Sulfate	4,570	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Zinc	11	µg/L	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 04/25/91 — Time 11:35
Depth to water 176.10 ft (53.68 m) below TOC — pH 6.7
Water elevation 207.00 ft (63.09 m) msl — Alkalinity 23 mg/L
Sp. conductance 60 µS/cm — Water temperature 18.8°C
Water evacuated before sampling 78 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	91	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	22	µg/L	GE
1	Cadmium	6.5	µg/L	GE
0	Calcium	7,770	µg/L	GE
0	Chloride	1,410	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	60	µg/L	GE
0	Lead	4.6	µg/L	GE
0	Lead	4.5	µg/L	GE
0	Magnesium	473	µg/L	GE
0	Manganese	13	µg/L	GE
1	Mercury	1.5	µg/L	GE
0	Nitrate as nitrogen	440	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,960	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,470	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,690	µg/L	GE
0	Sulfate	7,300	µg/L	GE
2	Tetrachloroethylene	9.1	µg/L	MA
0	Total dissolved solids	40,000	µg/L	GE
0	Total dissolved solids	44,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	27	µg/L	GE
1	Total organic halogens	38	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
2	Trichloroethylene	46	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 04/24/91 — Time 17:50
Depth to water 154.44 ft (47.07 m) below TOC — pH 5.5
Water elevation 228.30 ft (69.60 m) msl — Alkalinity 2.5 mg/L
Sp. conductance 23 µS/cm — Water temperature 19.0°C
Water evacuated before sampling 237 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	6.5	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,480	µg/L	GE
0	Chloride	1,520	µg/L	GE
0	Chloride	1,660	µg/L	GE
0	Chloroform	< 2.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 2.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	< 5.0	µg/L	GE
0	Magnesium	274	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	798	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	11,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,880	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	12	µg/L	MA
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	230	µg/L	GE
2	Total organic halogens	208	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	51	µg/L	GE
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA
2	Trichloroethylene	198	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 04/24/91 — Time 17:30
Depth to water 156.17 ft (47.60 m) below TOC — pH 6.7
Water elevation 226.93 ft (69.17 m) msl — Alkalinity 7 mg/L
Sp. conductance 30 µS/cm — Water temperature 20.5°C
Water evacuated before sampling 134 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
2	Tetrachloroethylene	24	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
2	Trichloroethylene	7.8	µg/L	MA

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 04/24/91 — Time 16:45
Depth to water 152.65 ft (46.53 m) below TOC
Water elevation 230.15 ft (70.15 m) msl
Inaccessibility of pump failure prevented sample collection

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 15:15
Depth to water: 143.34 ft (43.69 m) below TOC — pH: 5.8
Water elevation: 212.96 ft (64.91 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 69 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 134 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Barium	24	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,750	µg/L	GE
0	Calcium	4,780	µg/L	GE
0	Chloride	1,660	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<5.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	5.9	µg/L	GE
0	Iron	5.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,190	µg/L	GE
0	Magnesium	1,190	µg/L	GE
1	Manganese	28	µg/L	GE
1	Manganese	28	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	4,270	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,170	µg/L	GE
0	Potassium	1,180	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,070	µg/L	GE
0	Silver	2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,250	µg/L	GE
0	Sodium	4,240	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	198	µg/L	MA
0	Total dissolved solids	43,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	292	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	472	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 14:45
The well was dry

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 16:00
Depth to water: 161.99 ft (49.38 m) below TOC — pH: 4.8
Water elevation: 194.71 ft (59.35 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 444 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	500	µg/L	GE
0	Chloride	2,370	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE

WELL MSB 38TA collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Iron	460	µg/L	GE
1	Lead	11	µg/L	GE
0	Magnesium	250	µg/L	GE
1	Manganese	25	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,790	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	4,210	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 14:00
Depth to water: 134.85 ft (41.10 m) below TOC — pH: 6.1
Water elevation: 206.75 ft (63.02 m) msl — Alkalinity: 19 mg/L
Sp. conductance: 68 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 66 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Aluminum	31	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
2	Cadmium	10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,170	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	7.7	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	6,120	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	120	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 — Time: 9:00
Depth to water: 132.25 ft (40.31 m) below TOC — pH: 4.4
Water elevation: 209.55 ft (63.87 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 209 µS/cm — Water temperature: 17.9°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	200	µS/cm	GE
0	Aluminum	86	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	42	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,960	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	7.7	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	27	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	20,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	23,000	µg/L	GE
0	Sulfate	3,010	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	122	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	32	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	123	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	9.7	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/ml	GE

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 — Time: 9:00
Depth to water: 132.25 ft (40.31 m) below TOC — pH: 4.4
Water elevation: 209.55 ft (63.87 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 205 µS/cm — Water temperature: 17.9°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	185	µS/cm	GE
0	Aluminum	78	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	41	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,720	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	6.5	µg/L	GE
0	Cyanide	<5.0	µg/L	GE

WELL MSB 39B collected on 04/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	17	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	20,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	23,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	114	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	1,1,1-Trichloroethane	19	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	123	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	8.1	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/ml	GE

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 — Time: 9:20
Depth to water: 128.28 ft (39.09 m) below TOC — pH: 4.3
Water elevation: 213.24 ft (65.00 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Aluminum	83	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,470	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	6.1	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,850	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	4,050	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	76	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	7.3	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/ml	GE

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 9:55
Depth to water: 112.24 ft (34.21 m) below TOC — pH: 5.2
Water elevation: 229.46 ft (69.94 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 25 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,720	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	17	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	17	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	6.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,450	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	9.5	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 — Time: 8:30
Depth to water: 149.83 ft (45.61 m) below TOC — pH: 4.7
Water elevation: 192.17 ft (58.57 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 384 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Aluminum	35	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	7.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE

WELL MSB 39TA collected on 04/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	2,510	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	6.3	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91 — Time: 13:20
Depth to water: 119.49 ft (36.42 m) below TOC — pH: 4.6
Water elevation: 201.71 ft (61.48 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 51 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 209 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	53	µS/cm	GE
0	Aluminum	65	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,540	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	2.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	6.6	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,450	µg/L	GE
1	Sulfate	379,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	30	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 41 gal
Time: 11:15
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	48	µS/cm	GE
1	Aluminum	121	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,330	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	12	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.9	µg/L	GE
0	Nitrate as nitrogen	550	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,340	µg/L	GE
0	Sulfate	10,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	453	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	12	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	32	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 1 gal
The well went dry during purging
Time: 9:35
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 16.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	47	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,930	µg/L	GE
0	Chloride	1,860	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL MSB 40D collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Copper	548	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
2	Lead	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	22	µg/L	GE
0	Nitrate as nitrogen	630	µg/L	GE
0	Nitrate as nitrogen	630	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,070	µg/L	GE
0	Sulfate	10,400	µg/L	GE
0	Sulfate	10,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	84	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 132.27 ft (40.32 m) below TOC
Water elevation: 188.53 ft (57.46 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 428 gal
Time: 11:45
pH: 5.5
Alkalinity: 2 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,120	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	4.7	µg/L	GE
0	Cyanide	5.7	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	4.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,780	µg/L	GE
0	Sulfate	2,640	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	5.9	µg/L	GE

WELL MSB 40TA collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 Time: 11:30
Depth to water: 108.66 ft (33.12 m) below TOC pH: 5.8
Water elevation: 215.14 ft (65.58 m) msl Alkalinity: 4 mg/L
Sp. conductance: 33 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 345 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,800	µg/L	GE
0	Chloride	1,740	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	4.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,220	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	8.0	µg/L	GE
0	Silica	9,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	1.4	µg/L	MA
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 Time: 12:15
Depth to water: 107.54 ft (32.78 m) below TOC pH: 5.1
Water elevation: 216.46 ft (65.98 m) msl Alkalinity: 2 mg/L
Sp. conductance: 21 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 281 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Chloride	1,370	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	7.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	370	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,050	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,750	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	5.5	µg/L	MA
0	Total dissolved solids	41,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL MSB 41B collected on 04/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.7	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 Time: 12:45
Depth to water: 109.14 ft (33.27 m) below TOC pH: 4.8
Water elevation: 215.46 ft (65.67 m) msl Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 179 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	630	µg/L	GE
0	Chloride	1,230	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	5.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	970	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	3.3	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 Time: 10:50
The well was dry.

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/06/91 Time: 12:25
Depth to water: 119.36 ft (36.38 m) below TOC pH: 4.8
Water elevation: 204.34 ft (62.28 m) msl Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 476 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	960	µg/L	GE
0	Chloride	1,780	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
1	Iron	150	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 41TA collected on 04/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	5.5	µg/L	GE
0	Magnesium	310	µg/L	GE
1	Manganese	40	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	750	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	27,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 9:55
Depth to water: 152.48 ft (46.48 m) below TOC — pH: 4.6
Water elevation: 224.02 ft (68.28 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 162 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	480	µg/L	GE
0	Chloride	2,840	µg/L	GE
0	Chloride	2,900	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	GE
0	Nitrate as nitrogen	840	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,760	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	6,000	µg/L	GE
0	Total dissolved solids	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	40	µg/L	GE
2	Total organic halogens	52	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	88	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 10:15
Depth to water: 147.12 ft (44.84 m) below TOC — pH: 5.2
Water elevation: 229.38 ft (69.92 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 77 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.6	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Chloride	2,590	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<5.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	4.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	440	µg/L	GE
0	Manganese	6.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,180	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	1,380	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Total dissolved solids	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	8.6	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 9:45
The well was dry

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 11:10
Depth to water: 171.88 ft (52.39 m) below TOC — pH: 5.1
Water elevation: 204.82 ft (62.43 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 427 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.9	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	730	µg/L	GE
0	Chloride	1,720	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
1	Iron	150	µg/L	GE
1	Lead	12	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	17	µg/L	GE
3	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,870	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,720	µg/L	GE

WELL MSB 42TA collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	1,230	µg/L	GE
1	Tetrachloroethylene	4.8	µg/L	MA
0	Total dissolved solids	12,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	19	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	8.7	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.1E-09 ± 3.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91
Depth to water: 129.68 ft (39.53 m) below TOC
Water elevation: 228.22 ft (69.56 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 242 gal
Time: 11:35
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	5.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,210	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE

WELL MSB 43A collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	1.1	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.2	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitroso-n-butylamine	<10	µg/L	GE
0	N-Nitroso-n-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 43A collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,080	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	1.2	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	11	µg/L	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE
0	Uranium alpha activity	< 1.0E-09	µCi/mL	GE

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 13:10
Depth to water: 129.67 ft (39.52 m) below TOC — pH: 5.0
Water elevation: 228.33 ft (69.60 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 150 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	3.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2.0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	3.4	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0.00040	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	1,570	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	4.1	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	6.1	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 50	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE

WELL MSB 43B collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.4	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz(a)anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,360	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE

WELL MSB 43B collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,140	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	1,2,3-Trichloropropane	<20	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	10.0	µg/L	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/ml	GE

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 Time: 12:40
Depth to water: 127.78 ft (38.95 m) below TOC pH: 4.9
Water elevation: 229.72 ft (70.02 m) msl Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	5.4	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 43D collected on 04/23/81, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,920	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Chloromethane (Methyl chloride)	5.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.1	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	1.2	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.2	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0050	µg/L	GE
0	Endrin aldehyde	<0.10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

WELL MSB 43D collected on 04/23/81, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00085	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00085	µg/L	GE
0	1,2,3,4,6,7,8-HHPCDF	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	<0.00045	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,640	µg/L	GE
0	Sulfide	<1,000	µg/L	GE

WELL MSB 43D collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0 00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0 00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1 0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1 0	µg/L	GE
0	Tetrachloroethylene	< 1 0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2 0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2 0	µg/L	GE
0	Toluene	< 1 0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0 24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0 090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1 0	µg/L	GE
0	1,1,2-Trichloroethane	< 1 0	µg/L	GE
0	Trichloroethylene	< 1 0	µg/L	GE
0	Trichlorofluoromethane	< 1 0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1 0	µg/L	GE
0	Xylenes	< 1 0	µg/L	GE
0	Zinc	8 0	µg/L	GE
0	Total radium	1 4E 09 ± 2 8E-09	µCi/ml	GE
0	Uranium alpha activity	< 1 0E 09	µCi/ml	GE

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 04/23/91
Depth to water 154 84 ft (47 20 m) below TOC
Water elevation 202 76 ft (61 80 m) msl
Sp conductance 14 µS/cm
Water evacuated before sampling 435 gal
Time 11 50
pH 4 8
Alkalinity 1 mg/L
Water temperature 19 3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5 1	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1 0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0 50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 2 0	µg/L	GE
0	Aramite	< 10	µg/L	GE
0	Arsenic	< 2 0	µg/L	GE
0	Barium	< 3 0	µg/L	GE
0	Benzene	2 0	µg/L	GE
0	alpha Benzene hexachloride	< 0 50	µg/L	GE
0	beta Benzene hexachloride	< 0 50	µg/L	GE
0	delta Benzene hexachloride	< 0 50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 10	µg/L	GE
0	Beryllium	< 5 0	µg/L	GE
0	Bis(chloromethyl) ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1 0	µg/L	GE
0	Bromoform	< 1 0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1 0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2 0	µg/L	GE
0	Carbon disulfide	< 1 0	µg/L	GE
0	Carbon tetrachloride	2 0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	< 0 00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	< 0 00040	µg/L	GE
0	Chlordane	< 0 50	µg/L	GE
0	Chloride	2 140	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 1 0	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 1 0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1 0	µg/L	GE

WELL MSB 431A collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 200	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	12	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,2-Dibromoethane	< 20	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 30	µg/L	GE
0	1,2-Dichlorobenzene	< 10	µg/L	GE
0	1,3-Dichlorobenzene	< 10	µg/L	GE
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	1.0	µg/L	GE
0	1,1-Dichloroethane	< 1 0	µg/L	GE
0	1,2-Dichloroethane	< 1 0	µg/L	GE
1	1,1-Dichloroethylene	4.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.7	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0 30	µg/L	GE
0	1,2-Dichloropropane	< 1 0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	3,3-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 45	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0 10	µg/L	GE
0	Endosulfan II	< 0 10	µg/L	GE
0	Endosulfan sulfate	< 0 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0 10	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	4 0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 0 50	µg/L	GE
0	Heptachlor epoxide	< 0 50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0 00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0 00065	µg/L	GE
0	1,2,3,4,6,7,8-HPCDF	< 0 00045	µg/L	GE
0	Heptachlorodibenzo-p-furan isomers	< 0 00045	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	1,2,3,4,7,8-HPCDD	< 0 00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0 00045	µg/L	GE
0	1,2,3,4,7,8-HPCDF	< 0 00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0 00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 1 0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 15	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	7 0	µg/L	GE
0	Lindane	< 0 0050	µg/L	GE
0	Mercury	< 0 20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 43TA collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl isobutyl ketone	< 1.0	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	3,520	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thionazin	< 10	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	1,2,3-Trichloropropane	< 20	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	4.0	µg/L	GE
0	Total radium	1.3E-09 ± 3.4E-09	µCi/ml	GE
0	Total radium	< 1.0E-09	µCi/ml	GE

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 13:00
Depth to water: 180.58 ft (48.94 m) below TOC — pH: 4.9
Water elevation: 216.34 ft (65.94 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 242 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	3.3	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	513	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,940	µg/L	GE
0	Chloride	1,840	µg/L	GL
0	Chloroform	2.2	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	35	µg/L	GE
0	Lead	2.3	µg/L	GE
0	Magnesium	225	µg/L	GE
0	Manganese	9.6	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	390	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	14,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,960	µg/L	GE
0	Sulfate	3,440	µg/L	GE
0	Sulfate	3,250	µg/L	GL
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	8,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
2	Trichloroethylene	5.5	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	3.2E-09 ± 2.8E-09	µCi/ml	GE
0	Total radium	< 1.0E-09	µCi/ml	GE
0	Tritium	< 7.0E-07	µCi/ml	GE

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 13:00
Depth to water: 180.58 ft (48.94 m) below TOC — pH: 4.9
Water elevation: 216.34 ft (65.94 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 242 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	3.4	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	512	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,850	µg/L	GE
0	Chloroform	3.3	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	223	µg/L	GE
0	Manganese	9.5	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,960	µg/L	GE

WELL MSB 44A collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	2,210	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	20	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
1	Trichloroethylene	3.9	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 12:30
Depth to water: 154.47 ft (47.08 m) below TOC — pH: 5.0
Water elevation: 222.83 ft (67.88 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 127 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	808	µg/L	GE
0	Chloride	3,680	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	235	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	8.0	µg/L	GE
0	Sodium	4,870	µg/L	GE
0	Sulfate	1,730	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	9,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	9.3E-07	µCi/mL	GE

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 16:05
Depth to water: 144.04 ft (43.90 m) below TOC — pH: 5.8
Water elevation: 233.86 ft (71.28 m) msl — Alkalinity: 43 mg/L
Sp. conductance: 146 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.8	pH	GE
0	Specific conductance	159	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	15,400	µg/L	GE
0	Chloride	2,770	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	48	µg/L	GE

WELL MSB 44C collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	< 3.0	µg/L	GE
0	Magnesium	2,180	µg/L	GE
1	Manganese	47	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,020	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	11,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	14,100	µg/L	GE
0	Sulfate	6,280	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	75,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
1	Total organic halogens	35	µg/L	GE
0	Total phosphates (as P)	72	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
1	Gross alpha	9.0E-09 ± 8.4E-09	µCi/mL	GE
0	Nonvolatile beta	8.1E-09 ± 1.0E-08	µCi/mL	GE
0	Total activity	9.7E-08 ± 1.2E-08	µCi/mL	EM
2	Total radium	1.0E-08 ± 5.0E-09	µCi/mL	GE
0	Tritium	1.5E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 14:40
Depth to water: 157.07 ft (48.15 m) below TOC — pH: 4.0
Water elevation: 223.13 ft (68.01 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 114 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	37	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	60	µg/L	GE
0	Chloride	3,140	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	33	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,300	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	6,800	µg/L	GE
0	Sulfate	11,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	20,000	µg/L	GE
2	Total organic carbon	11,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.2E-08 ± 2.0E-07	µCi/mL	GE

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 14:15
The well was dry

ANALYTICAL RESULTS

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/01 — Time: 7:40
Depth to water: 150.40 ft (48.01 m) below TOC — pH: 9.3
Water elevation: 213.21 ft (64.98 m) msl — Alkalinity: 48 mg/L
Sp. conductance: 126 µS/cm — Water temperature: 10.0°C
Water evacuated before sampling: 40 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	QE
0	Specific conductance	135	µS/cm	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	9.9	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	8,000	µg/L	QE
0	Chloride	1,560	µg/L	QE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	280	µg/L	QE
0	Iron	< 4.0	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Magnesium	250	µg/L	QE
0	Manganese	< 2.0	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Nitrate as nitrogen	< 50	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	12,000	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	12,500	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	11,000	µg/L	QE
0	Sulfate	16,400	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	109,000	µg/L	QE
0	Total organic carbon	1,000	µg/L	QE
1	Total organic halogens	30	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	9.5E-09 ± 3.3E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE
0	Tritium	1.1E-08 ± 2.0E-07	µCi/mL	QE

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/01 — Time: 15:15
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 5 mg/L
Sp. conductance: 42 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	QE
0	Specific conductance	39	µS/cm	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	< 3.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	530	µg/L	QE
0	Chloride	2,740	µg/L	QE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	QE
0	Iron	< 4.0	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Magnesium	73	µg/L	QE
0	Manganese	< 2.0	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Nitrate as nitrogen	300	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	< 500	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	7,300	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	7,000	µg/L	QE
0	Sulfate	5,030	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	39,000	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
0	Total organic halogens	< 5.0	µg/L	QE
0	Total phosphates (as P)	< 50	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE

WELL MSB 46B collected on 04/18/01, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	1.3E-08 ± 2.0E-07	µCi/mL	QE

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/01 — Time: 14:50
The well was dry.

WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/01 — Time: 10:20
Depth to water: 152.51 ft (46.49 m) below TOC — pH: 8.1
Water elevation: 218.99 ft (66.82 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 52 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 264 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.8	pH	QE
0	Specific conductance	51	µS/cm	QE
0	Arsenic	< 2.0	µg/L	QE
0	Barium	22	µg/L	QE
0	Benzene	< 1.0	µg/L	QE
0	Bromodichloromethane	< 1.0	µg/L	QE
0	Bromoform	< 1.0	µg/L	QE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	QE
0	Cadmium	< 2.0	µg/L	QE
0	Calcium	2,900	µg/L	QE
0	Carbon tetrachloride	< 1.0	µg/L	QE
0	Chloride	1,070	µg/L	QE
0	Chlorobenzene	< 1.0	µg/L	QE
0	Chloroethane	< 1.0	µg/L	QE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	QE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	QE
0	Chloroform	< 1.0	µg/L	QE
0	Chloromethene (Methyl chloride)	< 1.0	µg/L	QE
0	Chromium	< 4.0	µg/L	QE
0	Dibromochloromethane	< 1.0	µg/L	QE
0	1,1-Dichloroethane	< 1.0	µg/L	QE
0	1,2-Dichloroethane	< 1.0	µg/L	QE
0	1,1-Dichloroethylene	< 1.0	µg/L	QE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	QE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	QE
0	1,2-Dichloropropane	< 1.0	µg/L	QE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	QE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	QE
0	Ethylbenzene	< 1.0	µg/L	QE
0	Fluoride	< 100	µg/L	QE
0	Iron	18	µg/L	QE
0	Lead	< 3.0	µg/L	QE
0	Magnesium	230	µg/L	QE
0	Manganese	8.0	µg/L	QE
0	Mercury	< 0.20	µg/L	QE
0	Nitrate as nitrogen	1,010	µg/L	QE
0	Phenols	< 5.0	µg/L	QE
0	Potassium	2,700	µg/L	QE
0	Selenium	< 2.0	µg/L	QE
0	Silica	11,600	µg/L	QE
0	Silver	< 2.0	µg/L	QE
0	Sodium	5,200	µg/L	QE
0	Sulfate	< 1,000	µg/L	QE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	QE
0	Tetrachloroethylene	< 1.0	µg/L	QE
0	Toluene	< 1.0	µg/L	QE
0	Total dissolved solids	30,000	µg/L	QE
0	Total organic carbon	< 1,000	µg/L	QE
0	Total organic halogens	7.0	µg/L	QE
0	Total phosphates (as P)	51	µg/L	QE
0	1,1,1-Trichloroethane	< 1.0	µg/L	QE
0	1,1,2-Trichloroethane	< 1.0	µg/L	QE
2	Trichloroethylene	11	µg/L	QE
0	Trichlorofluoromethane	< 1.0	µg/L	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Gross alpha	< 2.0E-09	µCi/mL	QE
0	Nonvolatile beta	3.4E-09 ± 3.5E-09	µCi/mL	QE
0	Nonvolatile beta	2.4E-09 ± 3.4E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE
0	Total radium	< 1.0E-09	µCi/mL	QE
0	Tritium	9.3E-07 ± 2.0E-07	µCi/mL	QE

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 9:50
Depth to water: 139.80 ft (41.72 m) below TOC — pH: 4.7
Water elevation: 232.31 ft (70.81 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	40	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Chloride	2,070	µg/L	GE
0	Chloride	2,870	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,800	µg/L	GE
1	Manganese	42	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,720	µg/L	GE
0	Nitrate as nitrogen	1,710	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	840	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,910	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	20,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.8	µg/L	MA
0	Gross alpha	3.1E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91 — Time: 17:40
Depth to water: 140.28 ft (42.76 m) below TOC — pH: 6.7
Water elevation: 221.92 ft (67.64 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 254 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,820	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,300	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL MSB 48A collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	582	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,480	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	840	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,380	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91 — Time: 16:25
Depth to water: 139.18 ft (42.42 m) below TOC — pH: 6.2
Water elevation: 223.72 ft (68.19 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 125 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	47	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,610	µg/L	GE
0	Chloride	2,160	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	39	µg/L	GE
0	Iron	46	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	778	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,010	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,350	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,260	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,150	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	43,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	89	µg/L	GE
2	Total organic halogens	75	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	85	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	4.9E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	2.1E-06 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 16:08
Depth to water: 131.42 ft (40.06 m) below TOC
Water elevation: 231.78 ft (70.65 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 Time: 9:15
Depth to water: Not available pH: 9.5
Water elevation: Not available Alkalinity: 110 mg/L
Sp. conductance: 238 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,980	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	88	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	390	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	15,900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,270	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	33,800	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic carbon	2,100	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Total activity	7.8E-07 ± 1.3E-08	µCi/mL	EM

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 17:20
Depth to water: 140.73 ft (42.90 m) below TOC pH: 8.7
Water elevation: 221.87 ft (67.57 m) msl Alkalinity: 24 mg/L
Sp. conductance: 60 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 312 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.6	pH	GE
0	Specific conductance	62	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,380	µg/L	GE
0	Chloride	1,440	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.5	µg/L	GE

WELL MSB 48TA collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Magnesium	400	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Mercury	0.25	µg/L	GE
0	Nitrate as nitrogen	1,320	µg/L	GE
0	Nitrate as nitrogen	1,330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,830	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,030	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Total phosphates (as P)	111	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/ml	GE
0	Nonvolatile beta	<2.0E-09	µCi/ml	GE
0	Total radium	<1.0E-09	µCi/ml	GE
0	Tritium	2.1E-06 ± 2.0E-07	µCi/ml	GE

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 Time: 12:40
Depth to water: 140.41 ft (42.80 m) below TOC pH: 4.7
Water elevation: 194.99 ft (59.43 m) msl Alkalinity: 1 mg/L
Sp. conductance: 34 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 321 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Chloride	2,320	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	48	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	8,410	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/ml	GE
0	Nonvolatile beta	<2.0E-09	µCi/ml	GE
0	Total radium	1.4E-09 ± 3.4E-09	µCi/ml	GE
0	Tritium	<7.0E-07	µCi/ml	GE

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91
Depth to water: 134.47 ft (40.99 m) below TOC
Water elevation: 200.33 ft (61.06 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 249 gal
Time: 12:05
pH: 6.3
Alkalinity: 20 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	71	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,400	µg/L	GE
0	Chloride	1,940	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	630	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,190	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sulfate	1,730	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	84	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	126	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.6E-09	µCi/mL	GE
1	Total radium	3.9E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91
Depth to water: 109.27 ft (33.31 m) below TOC
Water elevation: 224.93 ft (68.56 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging
Time: 12:20
pH: 5.4
Alkalinity: 7 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	35	µS/cm	GE
1	Arsenic	<2.0	µg/L	GE
0	Barium	4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Chloride	2,240	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
2	Iron	37	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	740	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	980	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	990	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,450	µg/L	GE
1	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
1	Sulfate	1,200	µg/L	GE
1	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.6	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	3.7E-09 ± 2.8E-09	µCi/mL	GE

WELL MSB 49D collected on 04/18/91: laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	1.7E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91
Depth to water: 21.49 ft (6.55 m) below TOC
Water elevation: 202.51 ft (61.73 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 152 gal
Time: 15:35
pH: 5.6
Alkalinity: 24 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,840	µg/L	GE
0	Chloride	1,940	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	429	µg/L	GE
0	Manganese	5.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,310	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	7.4	µg/L	MA
0	Total dissolved solids	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	29	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91
Depth to water: 19.80 ft (6.04 m) below TOC
Water elevation: 203.70 ft (62.09 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 46 gal
Time: 15:55
pH: 5.7
Alkalinity: 12 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	64	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.6	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,230	µg/L	GE
0	Chloride	12,000	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	484	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,350	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,200	µg/L	GE
0	Sulfate	8,150	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 50D collected on 04/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-08	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.9E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91
Depth to water: 59.08 ft (18.01 m) below TOC
Water elevation: 204.42 ft (62.31 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 149 gal
Time: 17:45
pH: 5.9
Alkalinity: 23 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	4,070	µg/L	GE
0	Chloride	2,420	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	341	µg/L	GE
0	Manganese	4.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	270	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	852	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,590	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,220	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	31,000	µg/L	GE
0	Total dissolved solids	23,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91
Depth to water: 51.92 ft (15.83 m) below TOC
Water elevation: 210.58 ft (64.19 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging
Time: 9:40
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 16.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	5.9	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	947	µg/L	GE
0	Chloride	1,760	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	3.5	µg/L	GE
0	Magnesium	457	µg/L	GE
0	Manganese	9.9	µg/L	GE

WELL MSB 51D collected on 04/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,770	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,890	µg/L	GE
0	Sulfate	5,810	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	10,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91
Depth to water: 104.05 ft (31.71 m) below TOC
Water elevation: 217.85 ft (66.40 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 150 gal
Time: 11:50
pH: 6.0
Alkalinity: 21 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	6,830	µg/L	GE
0	Chloride	3,480	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	794	µg/L	GE
0	Manganese	9.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	1,370	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	734	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	10,700	µg/L	GE
0	Silver	6.9	µg/L	GE
0	Sodium	3,370	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
2	Tetrachloroethylene	5.1	µg/L	MA
0	Total dissolved solids	45,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	8.7E-07 ± 4.0E-07	µCi/mL	GE

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 83.94 ft (25.59 m) below TOC
Water elevation: 237.86 ft (72.50 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 4 gal
There was insufficient water to fill all or some sample bottles
Time: 11:50
pH: 6.9
Alkalinity: 8 mg/L
Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Arsenic	< 2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Chromium	< 4.0	µg/L	GE

WELL MSB 52D collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	20	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Potassium	2,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Total activity	2.9E-06 ± 1.2E-06	µCi/mL	EM

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 123.90 ft (37.77 m) below TOC
Water elevation: 220.70 ft (67.27 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 191 gal

Time: 13:45
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	650	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,420	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 123.90 ft (37.77 m) below TOC
Water elevation: 220.70 ft (67.27 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 191 gal

Time: 13:45
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	13	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,420	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA

WELL MSB 53B collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 124.01 ft (37.80 m) below TOC
Water elevation: 221.49 ft (67.51 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 102 gal

Time: 13:55
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	650	µg/L	GE
0	Chloride	2,250	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Manganese	4.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	620	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	1.2	µg/L	MA
0	Total dissolved solids	10,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	2.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91 — Time: 13:35
Depth to water: 112.58 ft (34.31 m) below TOC — pH: 4.7
Water elevation: 232.52 ft (70.87 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	380	µg/L	GE
0	Chloride	2,880	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	47	µg/L	GE
1	Lead	13	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	630	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	1,550	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.8	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.6E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 13:55
Depth to water: 152.58 ft (46.51 m) below TOC — pH: 7.2
Water elevation: 221.12 ft (67.40 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 250 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Chloride	1,490	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	270	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.4E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL MSB 54B collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 13:45
Depth to water: 148.05 ft (45.13 m) below TOC — pH: 10.9
Water elevation: 225.65 ft (68.78 m) msl — Alkalinity: 72 mg/L
Sp. conductance: 188 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	198	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	52	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	25,000	µg/L	GE
0	Chloride	1,290	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	870	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	78,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91 — Time: 14:50
Depth to water: 141.85 ft (43.27 m) below TOC — pH: 5.8
Water elevation: 232.05 ft (70.73 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	580	µg/L	GE
0	Chloride	870	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	29	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	590	µg/L	GE
0	Manganese	4.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,620	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	620	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	41,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL MSB 54D collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<.50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	1.9E-08 ± 2.0E-07	µCi/mL	GE

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91
Depth to water: 155.19 ft (47.30 m) below TOC
Water elevation: 218.61 ft (66.63 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 386 gal
Time: 15:55
pH: 7.6
Alkalinity: 8 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.7	pH	GE
0	Specific conductance	47	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,800	µg/L	GE
0	Chloride	1,200	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	270	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	34,000	µg/L	GE
2	Total organic carbon	10,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91
Depth to water: 148.18 ft (45.17 m) below TOC
Water elevation: 220.72 ft (67.28 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 193 gal
Time: 17:45
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.3	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	660	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,720	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE

WELL MSB 55B collected on 04/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	73	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	830	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	720	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	41,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	108,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/16/91
Depth to water: 141.15 ft (43.02 m) below TOC
Water elevation: 228.35 ft (69.60 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 115 gal
Time: 17:20
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	790	µg/L	GE
0	Chloride	2,090	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	4.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	9.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,190	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.4E-08 ± 2.3E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 29 gal
Time: 10:45
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chloride	2,250	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	23	µg/L	GE
2	Lead	21	µg/L	GE
0	Magnesium	800	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,820	µg/L	GE
0	Nitrate as nitrogen	1,830	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,190	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	44,000	µg/L	GE
0	Total dissolved solids	49,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 137.18 ft (41.82 m) below TOC
Water elevation: 231.61 ft (70.60 m) msl
Sp. conductance: 2410 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 9:30
pH: 11.9
Alkalinity: 675 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	3,100	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	89	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	22,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	550	µg/L	GE
0	Chloride	560	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL MSB 55HC collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
1	Lead	13	µg/L	GE
0	Magnesium	2.3	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,830	µg/L	GE
0	Potassium	30,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,810	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,080	µg/L	GE
0	Sodium	21,600	µg/L	GE
0	Sulfate	4,860	µg/L	GE
0	Sulfate	4,870	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	603,000	µg/L	GE
0	Total dissolved solids	598,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	60	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	5.6E-09 ± 1.7E-08	µCi/mL	GE
0	Nonvolatile beta	2.3E-08 ± 3.9E-08	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	4.4E-05 ± 9.0E-07	µCi/mL	GE

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 155.59 ft (47.42 m) below TOC
Water elevation: 213.21 ft (64.99 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 334 gal
Time: 10:05
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,440	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	53	µg/L	GE
1	Lead	<3.0	µg/L	GE
0	Magnesium	180	µg/L	GE
1	Manganese	2.5	µg/L	GE
0	Mercury	0.58	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,330	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,560	µg/L	GE

WELL MSB 55TA collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	23,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	21	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	2.5E-08 ± 2.0E-07	µCi/mL	GE

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91
Depth to water: 58.72 ft (17.90 m) below TOC
Water elevation: 221.08 ft (67.39 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 27 gal
Time: 14:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	499	µg/L	GE
0	Calcium	497	µg/L	GE
0	Chloride	3,450	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	57	µg/L	GE
0	Iron	58	µg/L	GE
1	Lead	7.8	µg/L	GE
0	Magnesium	645	µg/L	GE
0	Magnesium	638	µg/L	GE
0	Manganese	11	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	670	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,060	µg/L	GE
0	Potassium	1,040	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,310	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,860	µg/L	GE
0	Sodium	1,860	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	104,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
1	Total radium	3.4E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	2.2E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 127.96 ft (38.91 m) below TOC
Water elevation: 228.54 ft (69.66 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging
Time: 7:15
pH: 5.4
Alkalinity: 5 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Aluminum	25	µg/L	GE

WELL MSB 57D collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Arsenic	< 2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,720	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	5.8	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	7.8	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	480	µg/L	GE
1	Manganese	35	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,330	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	800	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	8,600	µg/L	GE
0	Sulfate	2,310	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	24	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	7.8E-08 ± 1.1E-08	µCi/mL	EM
1	Total radium	2.9E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	2.0E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/04/91
Depth to water: 130.43 ft (39.76 m) below TOC
Water elevation: 227.47 ft (69.33 m) msl
Sp. conductance: 60 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging
Time: 7:35
pH: 5.8
Alkalinity: 17 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Aluminum	28	µg/L	GE
0	Arsenic	3.7	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	6,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,660	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	5.8	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 58D collected on 04/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	41	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	420	µg/L	GE
1	Manganese	40	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,230	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	820	µg/L	GE
0	Selenium	8.3	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	5,800	µg/L	GE
0	Sulfate	1,180	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	5,220	µg/L	GE
0	Toluene	2.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	26,400	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	5,520	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	54	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total activity	9.1E-06 ± 1.1E-06	µCi/mL	EM
0	Total radium	1.0E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 132.45 ft (40.37 m) below TOC
Water elevation: 226.85 ft (69.14 m) msl
Sp. conductance: 116 µS/cm
Water evacuated before sampling: 46 gal

Time: 15:00
pH: 5.9
Alkalinity: 25 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	102	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,370	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.4	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	76	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	730	µg/L	GE
2	Manganese	97	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE

WELL MSB 59D collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Nitrate as nitrogen	5,080	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	21,100	µg/L	GE
0	Sulfate	3,980	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	24,800	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	78,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	4,430	µg/L	GE
2	Total organic halogens	4,340	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	101	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	48	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09 ± 3.7E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91
Depth to water: 127.01 ft (38.71 m) below TOC
Water elevation: 227.49 ft (69.34 m) msl
Sp. conductance: 60 µS/cm
Water evacuated before sampling: 50 gal

Time: 14:35
pH: 5.8
Alkalinity: 10 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	9.8	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,200	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,060	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	1.1	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	1.3	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	430	µg/L	GE
0	Manganese	93	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,060	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	630	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,880	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	8,900	µg/L	GE
0	Sulfate	2,470	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	42	µg/L	GE
0	Toluene	< 1.0	µg/L	GE

WELL MSB 60D collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	65	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	2.8	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	32	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	31	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 Time: 9:00
Depth to water: 96.24 ft (29.33 m) below TOC pH: 5.1
Water elevation: 221.38 ft (67.47 m) msl Alkalinity: 1 mg/L
Sp. conductance: 31 µS/cm Water temperature: 17.3°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	2,770	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	990	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	1,040	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	920	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,300	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	2.7E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	5.5E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 Time: 9:15
Depth to water: 94.73 ft (28.87 m) below TOC pH: 4.8
Water elevation: 223.37 ft (68.08 m) msl Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm Water temperature: 17.9°C
Water evacuated before sampling: 6 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	7.5	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	640	µg/L	GE
0	Chloride	2,900	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE

WELL MSB 61D collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	8.2	µg/L	GE
0	Lead	3.1	µg/L	GE
0	Magnesium	570	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	420	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	15,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	5.5E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 Time: 14:05
Depth to water: 143.44 ft (43.72 m) below TOC pH: 5.6
Water elevation: 205.60 ft (62.69 m) msl Alkalinity: 11 mg/L
Sp. conductance: 41 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 176 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Aluminum	< 20	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	3,400	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,080	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	6.5	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	410	µg/L	GE
2	Manganese	92	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	740	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	13,200	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
1	Tetrachloroethylene	4.8	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	7.3	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 62B collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Zinc	22	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	1.2E-08 ± 1.1E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.6E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 129.12 ft (39.38 m) below TOC
Water elevation: 219.98 ft (67.05 m) msl
Sp. conductance: 248 µS/cm
Water evacuated before sampling: 90 gal

Time: 14:15
pH: 5.3
Alkalinity: 5 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	249	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	39	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,300	µg/L	GE
0	Carbon tetrachloride	1.7	µg/L	GE
0	Chloride	2,130	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	20	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.3	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	181	µg/L	GE
0	Iron	8.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,400	µg/L	GE
2	Manganese	54	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.3	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,520	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	39,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	76	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	180,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	15	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	27	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1.000	µg/L	GE
0	Zinc	57	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 3.4E-08	µCi/mL	GE
0	Total activity	1.5E-06 ± 1.1E-06	µCi/mL	EM
1	Total radium	3.0E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91
Depth to water: 123.58 ft (37.67 m) below TOC
Water elevation: 225.92 ft (68.86 m) msl
Sp. conductance: 3720 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 7:55
pH: 12.0
Alkalinity: 1047 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	4,000	µS/cm	GE
1	Aluminum	122	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	85	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	37,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,300	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	1.4	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	3.7	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	27	µg/L	GE
0	Magnesium	4.5	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,040	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,050	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,150	µg/L	GE
0	Sulfate	7,450	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	65	µg/L	GE
0	Toluene	27	µg/L	GE
0	Total dissolved solids	863,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	89	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	7.6	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	30	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1.000	µg/L	GE
0	Zinc	6.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 1.8E-08	µCi/mL	GE
0	Total activity	1.2E-06 ± 1.1E-06	µCi/mL	EM
0	Total radium	2.1E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	3.4E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91
Depth to water: 140.72 ft (42.89 m) below TOC
Water elevation: 206.28 ft (62.87 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 195 gal

Time: 11:10
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE

WELL MSB 63B collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,810	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	740	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	13,200	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	141	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	252	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 13:20
Depth to water: 140.72 ft (42.89 m) below TOC — pH: 5.3
Water elevation: 206.28 ft (62.87 m) msl — Alkalinity: 4 mg/l
Sp. conductance: 34 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 185 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Aluminum	< 20	µg/l	GE
0	Arsenic	< 2.0	µg/l	GE
0	Barium	6.5	µg/l	GE
0	Benzene	< 1.0	µg/l	GE
0	Bromodichloromethane	< 1.0	µg/l	GE
0	Bromoform	< 1.0	µg/l	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/l	GE
0	Cadmium	< 2.0	µg/l	GE
0	Calcium	1,200	µg/l	GE
0	Carbon tetrachloride	< 1.0	µg/l	GE
0	Chloride	2,240	µg/l	GE
0	Chlorobenzene	< 1.0	µg/l	GE
0	Chloroethane	< 1.0	µg/l	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/l	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/l	GE
0	Chloroform	< 1.0	µg/l	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/l	GE
0	Chromium	< 4.0	µg/l	GE
0	Copper	< 4.0	µg/l	GE
0	Cyanide	< 5.0	µg/l	GE
0	Dibromochloromethane	< 1.0	µg/l	GE
0	1,1-Dichloroethane	< 1.0	µg/l	GE
0	1,2-Dichloroethane	< 1.0	µg/l	GE
0	1,1-Dichloroethylene	< 1.0	µg/l	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/l	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/l	GE
0	1,2-Dichloropropane	< 1.0	µg/l	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/l	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/l	GE
0	Ethylbenzene	< 1.0	µg/l	GE
0	Fluoride	< 100	µg/l	GE
0	Iron	5.8	µg/l	GE
0	Lead	< 3.0	µg/l	GE
0	Magnesium	370	µg/l	GE
0	Manganese	08	µg/l	GE
0	Mercury	< 0.20	µg/l	GE
0	Nickel	< 4.0	µg/l	GE
1	Nitrate as nitrogen	5,720	µg/l	GE
0	Phenols	< 5.0	µg/l	GE
0	Potassium	1,300	µg/l	GE
0	Selenium	< 2.0	µg/l	GE
0	Silica	< 100	µg/l	GE

WELL MSB 63B collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	333	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	770	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,220	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	10,700	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,320	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	4,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	177	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	238	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	9.8	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.4E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	9.7E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 13:30
Depth to water: 130.03 ft (39.63 m) below TOC — pH: 5.4
Water elevation: 217.07 ft (66.18 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 81 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	77	µS/cm	GE
0	Aluminum	< 20	µg/l	GE
0	Arsenic	< 2.0	µg/l	GE
0	Barium	6.1	µg/l	GE
0	Benzene	< 1.0	µg/l	GE
0	Bromodichloromethane	< 1.0	µg/l	GE
0	Bromoform	< 1.0	µg/l	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/l	GE
0	Cadmium	< 2.0	µg/l	GE
0	Calcium	1,400	µg/l	GE
0	Carbon tetrachloride	< 1.0	µg/l	GE
0	Chloride	2,260	µg/l	GE
0	Chlorobenzene	< 1.0	µg/l	GE
0	Chloroethane	< 1.0	µg/l	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/l	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/l	GE
0	Chloroform	< 1.0	µg/l	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/l	GE
0	Chromium	< 4.0	µg/l	GE
0	Copper	< 4.0	µg/l	GE
0	Cyanide	< 5.0	µg/l	GE
0	Dibromochloromethane	< 1.0	µg/l	GE
0	1,1-Dichloroethane	< 1.0	µg/l	GE
0	1,2-Dichloroethane	< 1.0	µg/l	GE
0	1,1-Dichloroethylene	< 1.0	µg/l	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/l	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/l	GE
0	1,2-Dichloropropane	< 1.0	µg/l	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/l	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/l	GE
0	Ethylbenzene	< 1.0	µg/l	GE
0	Fluoride	< 100	µg/l	GE
0	Iron	5.8	µg/l	GE
0	Lead	< 3.0	µg/l	GE
0	Magnesium	370	µg/l	GE
0	Manganese	08	µg/l	GE
0	Mercury	< 0.20	µg/l	GE
0	Nickel	< 4.0	µg/l	GE
1	Nitrate as nitrogen	5,720	µg/l	GE
0	Phenols	< 5.0	µg/l	GE
0	Potassium	1,300	µg/l	GE
0	Selenium	< 2.0	µg/l	GE
0	Silica	< 100	µg/l	GE

ANALYTICAL RESULTS

WELL MSB 63C collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	< 2.0	µg/L	GE
0	Sodium	14,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	6.6	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.8E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 13:50
Depth to water: 120.96 ft (36.87 m) below TOC — pH: 9.6
Water elevation: 225.84 ft (68.84 m) msl — Alkalinity: 54 mg/L
Sp. conductance: 128 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	122	µS/cm	GE
2	Aluminum	1,200	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	16,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,030	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	5.6	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	270	µg/L	GE
0	Manganese	4.9	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,970	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	4,840	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	10,000	µg/L	GE
0	Sulfate	< 2,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	42	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	100	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	9.1	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	< 5.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.4E-09 ± 2.1E-09	µCi/mL	GE
1	Total radium	< 1.0E-09	µCi/mL	GE

WELL MSB 63D collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	2.8E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91 — Time: 15:15
Depth to water: 129.83 ft (39.57 m) below TOC — pH: 4.4
Water elevation: 218.87 ft (66.71 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 137 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 115 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	120	µS/cm	GE
1	Aluminum	111	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	6,600	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	8,060	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	5.1	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	3.1	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.3	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	3,070	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
2	Nitrate as nitrogen	12,500	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	920	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	10,700	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	15,400	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	149	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	96,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
2	Total organic halogens	71	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	2.4	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	16.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	2.1E-09 ± 1.6E-09	µCi/mL	GE
0	Nonvolatile beta	6.6E-09 ± 2.1E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	3.8E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91 — Time: 16:05
Depth to water: 125.60 ft (38.25 m) below TOC — pH: 8.1
Water elevation: 223.50 ft (68.12 m) msl — Alkalinity: 38 mg/L
Sp. conductance: 247 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Specific conductance	218	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,100	µg/L	GE
1	Carbon tetrachloride	2.6	µg/L	GE
0	Chloride	7,440	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	24	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.7	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,020	µg/L	GE
1	Manganese	34	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	24,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	990	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,870	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	44,500	µg/L	GE
0	Sulfate	9,070	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	50	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	157,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	83	µg/L	GE
2	Total organic halogens	85	µg/L	GE
0	Total phosphates (as P)	51	µg/L	GE
0	1,1,1-Trichloroethane	19	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	15	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	17	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.6E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	3.6E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 13:40
Depth to water: 117.74 ft (35.89 m) below TOC — pH: 4.7
Water elevation: 231.76 ft (70.64 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 15 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE

WELL MSB 65D collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	800	µg/L	GE
0	Chloride	3,430	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	3.2	µg/L	GE
0	Magnesium	740	µg/L	GE
0	Manganese	7.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,110	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	2,470	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.5E-09	µCi/mL	GE
0	Total activity	1.0E-03 ± 8.7E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.4E-08 ± 2.0E-07	µCi/mL	GE

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/91 — Time: 15:00
Depth to water: 164.17 ft (50.04 m) below TOC — pH: 10.9
Water elevation: 219.33 ft (66.85 m) msl — Alkalinity: 78 mg/L
Sp. conductance: 174 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 210 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	137	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Barium	23	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	21,200	µg/L	GE
0	Calcium	21,300	µg/L	GE
0	Chloride	1,220	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	326	µg/L	GE
0	Magnesium	328	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Manganese	2.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,110	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,840	µg/L	GE
0	Potassium	4,880	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,510	µg/L	GE
0	Silica	7,550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,970	µg/L	GE
0	Sodium	5,970	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	3.3	µg/L	MA
0	Total dissolved solids	82,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	21	µg/L	GE
0	Total phosphates (as P)	64	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	15	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/01 — Time: 14:20
Depth to water: 156.10 ft (47.58 m) below TOC — pH: 5.7
Water elevation: 227.40 ft (69.31 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
2	Tetrachloroethylene	6.4	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
2	Trichloroethylene	80	µg/L	MA

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/01 — Time: 13:20
Depth to water: 153.73 ft (46.86 m) below TOC
Water elevation: 229.57 ft (69.97 m) msl
Inaccessibility of pump failure prevented sample collection.

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/24/01 — Time: 15:35
Depth to water: 178.83 ft (53.84 m) below TOC — pH: 8.5
Water elevation: 208.17 ft (62.84 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 480 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	5.1	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,690	µg/L	GE
0	Chloride	1,270	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	241	µg/L	GE
0	Manganese	8.4	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	810	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	10,400	µg/L	GE
0	Silver	3.7	µg/L	GE
0	Sodium	2,060	µg/L	GE
0	Sulfate	1,070	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	15,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	< 2.0E-09	µCi/ml	GE
0	Total radium	< 1.0E-09	µCi/ml	GE
0	Tritium	< 7.0E-07	µCi/ml	GE

WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/01 — Time: 9:55
Depth to water: 147.75 ft (45.03 m) below TOC — pH: 7.0
Water elevation: 217.35 ft (66.25 m) msl — Alkalinity: 18 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 229 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	48	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	7,030	µg/L	GE
0	Chloride	1,840	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	5.8	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	400	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	1,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	14,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,840	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	52	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
2	Trichloroethylene	58	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	< 2.0E-09	µCi/ml	GE
0	Total radium	2.4E-09 ± 2.8E-09	µCi/ml	GE
0	Tritium	8.9E-07 ± 2.0E-07	µCi/ml	GE

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/01 — Time: 9:35
Depth to water: 138.14 ft (42.11 m) below TOC — pH: 8.3
Water elevation: 226.86 ft (69.09 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 49 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.5	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	27	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	4,940	µg/L	GE
0	Chloride	2,480	µg/L	GE
0	Chloroform	< 2.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	8.8	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	801	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	1,710	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	582	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,120	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 2.0	µg/L	MA
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	22	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA
2	Trichloroethylene	78	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	< 2.0E-09	µCi/ml	GE
0	Total radium	< 1.0E-09	µCi/ml	GE

WELL MSB 67C collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	2.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 10:40
Depth to water: 138.87 ft (42.33 m) below TOC — pH: 5.1
Water elevation: 218.03 ft (66.46 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 235 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.6	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,080	µg/L	GE
0	Chloride	1,530	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	6.9	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	427	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,290	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,440	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	17	µg/L	MA
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	78	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	97	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 11:45
Depth to water: 161.43 ft (49.20 m) below TOC — pH: 6.2
Water elevation: 220.27 ft (67.14 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 17.5°C
Water evacuated before sampling: 211 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,330	µg/L	GE
0	Chloride	1,530	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	270	µg/L	GE
0	Manganese	4.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	440	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	525	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	16,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,240	µg/L	GE
0	Sulfate	1,220	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL MSB 69B collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 12:25
Depth to water: 154.68 ft (47.15 m) below TOC — pH: 6.5
Water elevation: 227.12 ft (69.23 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 69 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	61	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,860	µg/L	GE
0	Chloride	2,610	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	5.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	885	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,310	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,330	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	48,000	µg/L	GE
0	Total dissolved solids	82,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	94	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	152	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91 — Time: 12:05
Depth to water: 150.04 ft (45.73 m) below TOC — pH: 4.8
Water elevation: 232.16 ft (70.76 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 17.2°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	558	µg/L	GE
0	Chloride	1,100	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	2.0	µg/L	GE
0	Magnesium	799	µg/L	GE
0	Manganese	6.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 69D collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,610	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,760	µg/L	GE
0	Silver	8.8	µg/L	GE
0	Sodium	1,750	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	17,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.1E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91
Depth to water: 166.83 ft (50.85 m) below TOC
Water elevation: 214.67 ft (65.43 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 367 gal
Time: 10:50
pH: 6.2
Alkalinity: 11 mg/L
Water temperature: 17.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	37	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,570	µg/L	GE
0	Chloride	1,530	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	259	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	820	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,540	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	44,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91
Depth to water: 147.71 ft (45.02 m) below TOC
Water elevation: 214.49 ft (65.38 m) msl
Sp. conductance: 186 µS/cm
Water evacuated before sampling: 105 gal
Time: 14:45
pH: 5.8
Alkalinity: 16 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	169	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,500	µg/L	GE
0	Chloride	4,100	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE

WELL MSB 70C collected on 04/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	1,1-Dichloroethylene	33	µg/L	MA
2	1,1-Dichloroethylene	33	µg/L	MA
0	trans-1,2-Dichloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<5.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	5.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,800	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
2	Nitrate as nitrogen	14,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	21,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	290	µg/L	MA
2	Tetrachloroethylene	357	µg/L	MA
0	Total dissolved solids	128,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	124	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	21	µg/L	MA
0	1,1,1-Trichloroethane	25	µg/L	MA
2	Trichloroethylene	33	µg/L	MA
2	Trichloroethylene	44	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 3.4E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/11/91
Depth to water: 144.18 ft (43.95 m) below TOC
Water elevation: 218.32 ft (66.54 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.
Time: 8:05
pH: 5.8
Alkalinity: 8 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	72	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,870	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	7.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	663	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	4,830	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	835	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,400	µg/L	GE
0	Silver	11	µg/L	GE
0	Sodium	7,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	18	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	42,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE

WELL MSB 70D collected on 04/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	4.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.6E-09 ± 3.0E-09	µCi/mL	GE
0	Total activity	8.1E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.2E-08 ± 2.5E-09	µCi/mL	GE
0	Tritium	2.6E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91
Depth to water: 129.73 ft (39.54 m) below TOC
Water elevation: 215.37 ft (65.65 m) msl
Sp. conductance: 3720 µS/cm
Water evacuated before sampling: 42 gal
The well went dry during purging.

Time: 9:20
pH: 12.2
Alkalinity: 1028 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	4,100	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	31,700	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.8	µg/L	GE
0	Magnesium	5.3	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	260	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	5,620	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,480	µg/L	GE
0	Silica	2,980	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,700	µg/L	GE
0	Sulfate	3,160	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	773,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	2.6E-09 ± 1.1E-08	µCi/mL	GE
1	Nonvolatile beta	3.9E-08 ± 2.5E-08	µCi/mL	GE
2	Nonvolatile beta	6.0E-08 ± 2.4E-08	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.8E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 128.15 ft (39.37 m) below TOC
Water elevation: 199.05 ft (60.67 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 124 gal

Time: 13:50
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	784	µg/L	GE
0	Chloride	2,160	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	9.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	265	µg/L	GE
1	Manganese	27	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL MSB 72B collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	320	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	724	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	6.5	µg/L	GE
0	Sodium	2,710	µg/L	GE
0	Sulfate	1,760	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	27,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	3.1E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	8.8E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 141.02 ft (42.98 m) below TOC
Water elevation: 199.38 ft (60.77 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 178 gal

Time: 14:00
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,090	µg/L	GE
0	Chloride	2,520	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	509	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	953	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	38,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,770	µg/L	GE
0	Sulfate	10,300	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	19	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 104.90 ft (31.97 m) below TOC
Water elevation: 210.10 ft (64.04 m) msl
Sp. conductance: 507 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 10:20
pH: 10.9
Alkalinity: 128 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	410	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	78	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	29,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 74C collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	810	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	24	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	19,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	38,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,400	µg/L	GE
0	Sulfate	15,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	2.3	µg/L	GE
0	Total dissolved solids	198,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	13	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 3.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/25/91
Depth to water: 82.85 ft (25.28 m) below TOC
Water elevation: 232.15 ft (70.76 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging

Time: 10:40
pH: 6.8
Alkalinity: 32 mg/L
Water temperature: 16.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	740	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,210	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	248	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL MSB 74D collected on 04/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,040	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,800	µg/L	GE
0	Sulfate	3,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/22/91
Depth to water: 118.21 ft (36.03 m) below TOC
Water elevation: 208.49 ft (63.55 m) msl
Sp. conductance: 91 µS/cm
Water evacuated before sampling: 137 gal

Time: 11:30
pH: 7.3
Alkalinity: 25 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	91	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	32	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,940	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	298	µg/L	GE
1	Manganese	34	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,470	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,790	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,860	µg/L	GE
0	Sulfate	5,030	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	82,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	684	µg/L	GE
0	Total phosphates (as P)	109	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	101	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL MSB 75B collected on 04/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/23/91 — Time: 9:10
Depth to water: 118.35 ft (36.38 m) below TOC — pH: 6.7
Water elevation: 208.15 ft (63.44 m) msl — Alkalinity: 34 mg/L
Sp. conductance: 136 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,810	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,150	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	6.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	639	µg/L	GE
1	Manganese	28	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	11,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	48,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19,700	µg/L	GE
0	Sulfate	18,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	25	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.6E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 17:15
Depth to water: 137.14 ft (41.80 m) below TOC — pH: 6.6
Water elevation: 220.56 ft (67.23 m) msl — Alkalinity: 29 mg/L
Sp. conductance: 88 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 473 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE

WELL MSB 77B collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,080	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	6.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	470	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	50,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.4E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 — Time: 18:40
Depth to water: 134.94 ft (41.13 m) below TOC — pH: 5.8
Water elevation: 222.76 ft (67.90 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 142 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,880	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE

WELL MSB 77C collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,470	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	72	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	247	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-08	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91
Depth to water: 134.94 ft (41.13 m) below TOC
Water elevation: 222.76 ft (67.90 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 142 gal

Time: 16:40
pH: 5.8
Alkalinity: 9 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.1	pH	GE
0	pH	8.2	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,750	µg/L	GE
0	Chloride	1,720	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE

WELL MSB 77C collected on 04/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Magnesium	330	µg/L	GE
0	Manganese	12	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,510	µg/L	GE
0	Nitrate as nitrogen	1,480	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	74	µg/L	GE
2	Total organic halogens	91	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09 ± 3.6E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 3.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.5E-07 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91
Depth to water: 125.01 ft (38.10 m) below TOC
Water elevation: 232.79 ft (70.96 m) msl
Sp. conductance: 985 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging

Time: 8:25
pH: 11.3
Alkalinity: 279 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	pH	12	pH	GE
2	Specific conductance	940	µS/cm	GE
2	Specific conductance	940	µS/cm	GE
0	Arsenic	11	µg/L	GE
0	Arsenic	10	µg/L	GE
0	Barium	90	µg/L	GE
0	Barium	86	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12,000	µg/L	GE
0	Calcium	12,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,290	µg/L	GE

WELL MSB 77D collected on 04/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	2,360	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	8.8	µg/L	GE
0	Chromium	8.2	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	740	µg/L	GE
0	Fluoride	800	µg/L	GE
0	Iron	15	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	5.1	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	14	µg/L	GE
0	Magnesium	14	µg/L	GE
0	Manganese	5.9	µg/L	GE
0	Manganese	5.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	8.0	µg/L	GE
0	Phenols	8.0	µg/L	GE
0	Potassium	60,000	µg/L	GE
0	Potassium	58,000	µg/L	GE
0	Selenium	2.2	µg/L	GE
0	Selenium	2.2	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	79,000	µg/L	GE
0	Sodium	77,000	µg/L	GE
0	Sulfate	25,600	µg/L	GE
0	Sulfate	25,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	2.0	µg/L	GE
0	Toluene	2.0	µg/L	GE
0	Total dissolved solids	366,000	µg/L	GE
0	Total dissolved solids	356,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
[illegible]	Total organic halogens	<5.0	µg/L	GE
[illegible]	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 3.4E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 77TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/09/91 — Time: 8:00
Depth to water: 136.94 ft (41.74 m) below TOC — pH: 10.7
Water elevation: 220.46 ft (67.20 m) msl — Alkalinity: 103 mg/L
Sp. conductance: 352 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 57 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	185	µS/cm	GE
0	Arsenic	4.2	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,660	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	360	µg/L	GE
0	Iron	8.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	16	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	GE
0	Phenols	24	µg/L	GE
0	Potassium	15,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	16,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19,000	µg/L	GE
0	Sulfate	10,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	37	µg/L	GE
0	Total dissolved solids	111,000	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
C	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 3.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/10/91 — Time: 14:35
Depth to water: 143.44 ft (43.72 m) below TOC — pH: 5.7
Water elevation: 220.16 ft (67.11 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	36	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,940	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,170	µg/L	GE
0	Chloride	1,960	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 78D collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	8.7	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	383	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	1,310	µg/L	GE
0	Nitrate as nitrogen	1,310	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	561	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,520	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	8,730	µg/L	GE
0	Sulfate	2,250	µg/L	GE
0	Sulfate	2,280	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	120	µg/L	GE
0	Total phosphates (as P)	108	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	2.8E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 3.5E-09	µCi/mL	GE
0	Total activity	6.5E-06 ± 1.4E-06	µCi/mL	EM
1	Total radium	3.0E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 142.93 ft (43.57 m) below TOC
Water elevation: 205.07 ft (62.51 m) msl
Sp. conductance: 5550 µS/cm
Water evacuated before sampling: 35 gal
The well went dry during purging

Time: 7:50
pH: 11.9
Alkalinity: 953 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	3,700	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
1	Barium	1,090	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Calcium	277,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	< 250	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	1.5	µg/L	GE
0	Chromium	19	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.8	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	150	µg/L	GE

WELL MSB 79B collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	9.9	µg/L	GE
2	Lead	48	µg/L	GE
0	Magnesium	12	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	77,400	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	2,220	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Sodium	92,900	µg/L	GE
0	Sulfate	8,230	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	4.9	µg/L	GE
0	Total dissolved solids	951,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	24	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	14	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.5E-09 ± 3.0E-09	µCi/mL	GE
2	Total radium	6.4E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	2.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 140.82 ft (42.92 m) below TOC
Water elevation: 206.98 ft (63.09 m) msl
Sp. conductance: 2430 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 7:35
pH: 11.8
Alkalinity: 625 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	2,500	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	179	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	< 10	µg/L	GE
0	Calcium	119,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,590	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	3.0	µg/L	GE
0	Chromium	28	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.4	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	260	µg/L	GE
0	Iron	4.1	µg/L	GE
1	Lead	11	µg/L	GE
1	Lead	11	µg/L	GE
0	Magnesium	10	µg/L	GE
0	Manganese	22	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	55,900	µg/L	GE
0	Selenium	2.0	µg/L	GE
0	Selenium	2.3	µg/L	GE
0	Silica	6,910	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	56,000	µg/L	GE
0	Sulfate	14,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	2.1	µg/L	GE
0	Toluene	8.7	µg/L	GE
0	Total dissolved solids	728,000	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE

WELL MSB 79C collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	1.4	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	4.5E-09 ± 1.9E-08	µCi/mL	GE
2	Nonvolatile beta	8.0E-08 ± 5.7E-08	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/08/91 Time: 18.15
Depth to water: 50.32 ft (15.34 m) below TOC pH: 5.9
Water elevation: 216.88 ft (66.11 m) msl Alkalinity: 23 mg/L
Sp. conductance: 83 µS/cm Water temperature: 16.7°C
Water evacuated before sampling: 217 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,840	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	350	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	52,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 Time: 11:15
Depth to water: 147.29 ft (44.89 m) below TOC pH: 11.9
Water elevation: 227.21 ft (69.25 m) msl Alkalinity: 729 mg/L
Sp. conductance: 2220 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 30 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	2,890	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	233	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	188,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,920	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	15	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	12	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
2	Lead	59	µg/L	GE
0	Magnesium	13	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
1	Phenols	44	µg/L	GE
1	Phenols	44	µg/L	GE
0	Potassium	83,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,770	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	98,800	µg/L	GE
0	Sulfate	134,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	42	µg/L	GE
0	Total dissolved solids	753,000	µg/L	GE
2	Total organic carbon	10,000	µg/L	GE
2	Total organic halogens	57	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.7	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	3.3E-08 ± 5.0E-08	µCi/mL	GE
1	Total radium	3.2E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	6.2E-05 ± 1.1E-06	µCi/mL	GE

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 Time: 12:15
Depth to water: 144.82 ft (44.14 m) below TOC pH: 5.0
Water elevation: 229.58 ft (69.98 m) msl Alkalinity: 10 mg/L
Sp. conductance: 32 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 227 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	33	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 82B collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,850	µg/L	GE
0	Chloride	1,980	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	110	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	500	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	27,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	6,970	µg/L	GE
0	Sulfate	7,020	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.9E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	8.6E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 10:40
Depth to water: 146.07 ft (44.52 m) below TOC — pH: 10.6
Water elevation: 227.93 ft (69.47 m) msl — Alkalinity: 56 mg/L
Sp. conductance: 138 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	53	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	19,000	µg/L	GE
0	Chloride	2,560	µg/L	GE
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Fluoride	< 100	µg/L	GE
0	Iron	8.1	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	1,590	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	4,400	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,510	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	6,300	µg/L	GE
0	Sulfate	< 1,500	µg/L	GE

WELL MSB 82C collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	64,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.1E-08 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.3E-08 ± 1.0E-07	µCi/mL	GE

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 10:55
Depth to water: 141.90 ft (43.25 m) below TOC — pH: 8.8
Water elevation: 231.80 ft (70.65 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 89 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	Specific conductance	78	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,710	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	55	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	510	µg/L	GE
0	Manganese	21	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	2,480	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	830	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	3,660	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	2,790	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	49,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	2.4E-09 ± 1.6E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.9E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 11:50
Depth to water: 160.00 ft (48.77 m) below TOC — pH: 6.0
Water elevation: 213.80 ft (65.17 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 330 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	170	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	220	µg/L	GE
0	Manganese	21	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	420	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	3,120	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	27	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	32	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	8.8E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 14:40
Depth to water: 151.18 ft (46.08 m) below TOC — pH: 5.6
Water elevation: 220.82 ft (67.31 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 202 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

WELL MSB 83B collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,200	µg/L	GE
0	Sulfate	2,050	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.9E-09 ± 4.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.9E-07 ± 1.0E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	9.7E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91 — Time: 13:25
Depth to water: 144.78 ft (44.12 m) below TOC — pH: 8.8
Water elevation: 227.34 ft (69.29 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 67 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 129 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.8	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,400	µg/L	GE
0	Chloride	2,120	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,760	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	20	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 83C collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.3E-08 ± 2.0E-07	µCi/mL	GE

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 139.69 ft (42.58 m) below TOC
Water elevation: 232.01 ft (70.72 m) msl
Sp. conductance: 186 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 16:40
pH: 9.8
Alkalinity: 80 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.8	pH	GE
0	Specific conductance	201	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,860	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	4.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	225	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	660	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	540	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	14,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,810	µg/L	GE
0	Silver	3.5	µg/L	GE
0	Sodium	33,000	µg/L	GE
0	Sulfate	8,760	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	23	µg/L	GE
0	Total phosphates (as P)	62	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 4.3E-09	µCi/mL	GE
0	Total activity	1.6E-07 ± 1.0E-06	µCi/mL	EM
0	Total radium	1.4E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 157.04 ft (47.87 m) below TOC
Water elevation: 214.76 ft (65.46 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 374 gal

Time: 14:25
pH: 6.3
Alkalinity: 7 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.0	µg/L	GE

WELL MSB 83TA collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,260	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	180	µg/L	GE
0	Manganese	3.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	590	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sulfate	2,030	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Total activity	8.0E-07 ± 1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 138.44 ft (42.20 m) below TOC
Water elevation: 223.58 ft (68.14 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 86 gal

Time: 11:45
pH: 5.9
Alkalinity: 1 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,900	µg/L	GE
0	Chloride	2,010	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	550	µg/L	GE
0	Manganese	5.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,720	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	650	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,540	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,650	µg/L	GE
0	Sulfate	<1,000	µg/L	GE

WELL MSB 84C collected on 04/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	91	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	2.2E-06 ± 2.3E-06	µCi/mL	GE

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 13:50
Depth to water: 159.73 ft (48.69 m) below TOC — pH: 6.0
Water elevation: 221.07 ft (67.38 m) msl — Alkalinity: 17 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 232 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,780	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	104	µg/L	GE
2	Iron	360	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,260	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	790	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	94,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.3E-06 ± 2.5E-09	µCi/mL	GE
0	Tritium	9.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 15:45
Depth to water: 157.06 ft (47.87 m) below TOC — pH: 6.1
Water elevation: 224.34 ft (68.38 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Chloride	2,010	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethylene	<10	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	7.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	7.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,850	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	3.3	µg/L	GE
0	Sodium	5,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	66	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	23	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 3.5E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/18/91 — Time: 14:05
Depth to water: 149.03 ft (45.42 m) below TOC — pH: 6.1
Water elevation: 232.37 ft (70.83 m) msl — Alkalinity: 24 mg/L
Sp. conductance: 118 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,030	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	210	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,200	µg/L	GE
2	Manganese	61	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 85D collected on 04/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19,000	µg/L	GE
0	Sulfate	6,690	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	65,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.1E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.1E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/19/91
Depth to water: 160.36 ft (48.88 m) below TOC
Water elevation: 220.64 ft (67.25 m) msl
Sp. conductance: 103 µS/cm
Water evacuated before sampling: 39 gal
The well went dry during purging.

Time: 11:45
pH: 9.6
Alkalinity: 69 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.5	pH	GE
0	Specific conductance	137	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	86	µg/L	GE
0	Barium	76	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,470	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,630	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	12	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	11,400	µg/L	GE
2	Iron	10,300	µg/L	GE
0	Lead	2.9	µg/L	GE
0	Magnesium	505	µg/L	GE
2	Manganese	608	µg/L	GE
2	Manganese	513	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	10,900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,810	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	30,700	µg/L	GE
0	Sulfate	6,920	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	18	µg/L	GE
0	Total dissolved solids	181,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	5.3	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL MSB 85TA collected on 04/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	9.6E-09 ± 3.3E-09	µCi/mL	GE
1	Total radium	3.6E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	4.2E-06 ± 4.0E-07	µCi/mL	GE

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/17/91
Depth to water: 133.76 ft (40.77 m) below TOC
Water elevation: 223.64 ft (68.17 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 167 gal

Time: 16:00
pH: 6.5
Alkalinity: 17 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	59	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.1	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	150	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	0.58	µg/L	GE
0	Nitrate as nitrogen	1,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	860	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,260	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	105,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	97	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.3E-09 ± 5.3E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	3.8E-06 ± 3.0E-07	µCi/mL	GE

WELL NBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: 87.96 ft (26.81 m) below TOC
Water elevation: 223.54 ft (68.14 m) msl
Sp. conductance: 132 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 9:55
pH: 5.4
Alkalinity: 7 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.2	µg/L	GE
2	Nitrate as nitrogen	12,200	µg/L	GE
0	Tetrachloroethylene	1.1	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL P 26A collected on 06/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91 Time: 12:40
Depth to water: 41.55 ft (12.66 m) below TOC pH: 6.4
Water elevation: 112.95 ft (34.43 m) msl Alkalinity: 21 mg/L
Sp. conductance: 70 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,380	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	6.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	579	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	560	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	773	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,010	µg/L	GE
0	Sulfate	2,560	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.6E-09 ± 4.7E-09	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91 Time: 13:10
Depth to water: 32.39 ft (9.87 m) below TOC pH: 5.9
Water elevation: 122.11 ft (37.22 m) msl Alkalinity: 1 mg/L
Sp. conductance: 38 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 102 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,320	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,220	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	349	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	610	µg/L	GE
0	Phenols	10	µg/L	GE
0	Potassium	720	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,370	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,830	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	2.4	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.1E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	4.3E-06 ± 4.0E-07	µCi/mL	GE

WELL P 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91 Time: 15:00
Depth to water: 108.78 ft (33.16 m) below TOC pH: 6.0
Water elevation: 176.82 ft (53.93 m) msl Alkalinity: 14 mg/L
Sp. conductance: 75 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 617 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Calcium	7,690	µg/L	GE

WELL NBG 1 collected on 05/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Trichloroethylene	89	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 3.5E-09	µCi/mL	GE
0	Total activity	2.2E-04 ± 3.3E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.7E-04 ± 2.3E-06	µCi/mL	GE

WELL NBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: 88.77 ft (27.06 m) below TOC
Water elevation: 223.93 ft (68.25 m) msl
Sp. conductance: 882 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.
Time: 9:40
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Nitrate as nitrogen	89,000	µg/L	GE
0	Tetrachloroethylene	1.6	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	50	µg/L	GE
0	Gross alpha	5.9E-09 ± 1.2E-08	µCi/mL	GE
1	Gross alpha	1.1E-08 ± 1.0E-08	µCi/mL	GE
2	Nonvolatile beta	5.1E-08 ± 2.7E-08	µCi/mL	GE
2	Nonvolatile beta	5.1E-08 ± 2.6E-08	µCi/mL	GE
0	Total activity	2.2E-03 ± 3.3E-05	µCi/mL	EM
2	Total radium	1.3E-08 ± 5.6E-09	µCi/mL	GE
2	Total radium	1.2E-08 ± 5.3E-09	µCi/mL	GE
2	Tritium	2.7E-03 ± 7.4E-06	µCi/mL	GE

WELL NBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: 94.87 ft (28.92 m) below TOC
Water elevation: 217.53 ft (66.30 m) msl
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 9:30
pH: 6.0
Alkalinity: 17 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Nitrate as nitrogen	2,780	µg/L	GE
0	Tetrachloroethylene	1.2	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.6E-05 ± 6.0E-07	µCi/mL	GE

WELL NBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: 89.45 ft (27.26 m) below TOC
Water elevation: 217.05 ft (66.18 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 9:15
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Nitrate as nitrogen	1,370	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.3E-06 ± 4.0E-07	µCi/mL	GE

WELL NBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: 85.80 ft (26.15 m) below TOC
Water elevation: 217.70 ft (66.36 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.
Time: 9:05
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Nitrate as nitrogen	1,210	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91
Depth to water: 33.98 ft (10.36 m) below TOC
Water elevation: 120.52 ft (36.73 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 260 gal
Time: 12:05
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,960	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,880	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	783	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	532	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,320	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	31,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,210	µg/L	GE
0	Sulfate	7,350	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	75	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Total phosphates (as P)	124	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL P 28A collected on 06/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	774	µg/L	GE
0	Silica	14,100	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	120	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	1.3	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL P 28TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91
Depth to water: 109.75 ft (33.45 m) below TOC
Water elevation: 175.85 ft (53.54 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 1400 gal

Time: 16:05
pH: 5.8
Alkalinity: 3 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	1,480	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	2,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	288	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	582	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL P 28TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/91
Depth to water: 109.49 ft (33.37 m) below TOC
Water elevation: 175.31 ft (53.44 m) msl
Sp. conductance: 1748 µS/cm
Water evacuated before sampling: 70 gal
The well went dry during purging.

Time: 10:45
pH: 12.2
Alkalinity: 408 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	288,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	1,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	< 2.0	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	10,300	µg/L	GE
0	Silica	5,580	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL P 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91
Depth to water: 103.42 ft (31.52 m) below TOC
Water elevation: 165.88 ft (50.56 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 96 gal

Time: 10:35
pH: 5.2
Alkalinity: 16 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Benzene	47	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	6,870	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	1.8	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	428	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	10,200	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE

WELL P 29C collected on 05/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Total activity	4.3E-08 ± 1.0E-08	µCi/mL	EM

WELL P 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 10:35
Depth to water: 103.42 ft (31.52 m) below TOC — pH: 5.2
Water elevation: 185.88 ft (50.56 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Benzene	50	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	6,920	µg/L	GE
0	Calcium	6,840	µg/L	GE
0	Calcium	6,380	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	1.8	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	1,000	µg/L	GE
0	Dissolved organic carbon	2,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	444	µg/L	GE
0	Magnesium	444	µg/L	GE
0	Magnesium	458	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	10,600	µg/L	GE
0	Silica	10,600	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE

WELL P 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 10:50
Depth to water: 87.27 ft (29.65 m) below TOC — pH: 5.1
Water elevation: 171.33 ft (52.22 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 1555 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	463	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE

WELL P 29TA collected on 05/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	261	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	9,440	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Total activity	1.3E-06 ± 9.4E-07	µCi/mL	EM

WELL P 29TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 10:15
Depth to water: 87.78 ft (29.80 m) below TOC — pH: 5.3
Water elevation: 171.12 ft (52.16 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 1082 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Calcium	3,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dissolved organic carbon	< 1,000	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Magnesium	180	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Silica	8,890	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Total activity	-1.4E-07 ± 8.8E-07	µCi/mL	EM

WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91 — Time: 13:00
Depth to water: 9.17 ft (2.80 m) below TOC — pH: 5.1
Water elevation: 288.73 ft (87.40 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Specific conductance	31	µS/cm	GE
0	Turbidity	45	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE

WELL PAC 1 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	2,750	µg/L	GE
0	Chloride	2,700	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	110	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	500	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	990	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,200	µg/L	GE
0	Sulfate	2,820	µg/L	GE
0	Sulfate	2,820	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total dissolved solids	42,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	5.8	µg/L	GE
0	Total organic halogens	5.8	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	88	µg/L	GE
0	Total phosphates (as P)	86	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.7E-06 ± 4.0E-07	µCi/mL	GE

WELL PAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 10.98 ft (3.35 m) below TOC
Water elevation: 273.82 ft (83.46 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 88 gal

Time: 12:05
pH: 5.7
Alkalinity: 12 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	54	µS/cm	GE
0	Turbidity	34	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	31	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,500	µg/L	GE
0	Chloride	4,080	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	1,900	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,100	µg/L	GE
2	Manganese	89	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	980	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,500	µg/L	GE
0	Sulfate	15,200	µg/L	GE
0	Total dissolved solids	4.7E+07	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE

WELL PAC 2 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL PAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 10.98 ft (3.35 m) below TOC
Water elevation: 273.82 ft (83.46 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 88 gal

Time: 12:05
pH: 5.7
Alkalinity: 12 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Turbidity	27	NTU	GE
0	Arsenic	<5.0	µg/L	ET
0	Arsenic	<5.0	µg/L	ET
0	Barium	31	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,400	µg/L	GE
0	Chloride	3,880	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	1,900	µg/L	GE
0	Lead	<3.0	µg/L	ET
1	Lead	8.0	µg/L	ET
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,100	µg/L	GE
2	Manganese	88	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	970	µg/L	GE
0	Selenium	<5.0	µg/L	ET
0	Selenium	<5.0	µg/L	ET
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,400	µg/L	GE
0	Sulfate	10,200	µg/L	GE
0	Total dissolved solids	4.1E+07	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL PAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 12.78 ft (3.90 m) below TOC
Water elevation: 277.11 ft (84.46 m) msl
Sp. conductance: 203 µS/cm
Water evacuated before sampling: 64 gal

Time: 11:30
pH: 6.1
Alkalinity: 59 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	182	µS/cm	GE
0	Turbidity	51	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	57	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Chloride	4,700	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	54	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,800	µg/L	GE
2	Manganese	77	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE

ANALYTICAL RESULTS

WELL PAC 3 collected on 04/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	33,000	µg/L	GE
0	Sulfate	28,800	µg/L	GE
0	Total dissolved solids	98,000	µg/L	GE
2	Total organic carbon	11,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-08	µCi/mL	GE
0	Total radium	1.7E-08 ± 3.3E-08	µCi/mL	GE
0	Total radium	<1.0E-08	µCi/mL	GE
0	Tritium	7.0E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	8.7E-06 ± 4.0E-07	µCi/mL	GE

WELL PAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/28/91
Depth to water: 5.74 ft (1.75 m) below TOC
Water elevation: 285.88 ft (87.13 m) msl
Sp. conductance: 143 µS/cm
Water evacuated before sampling: 93 gal
Time: 12:35
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	Specific conductance	137	µS/cm	GE
0	Specific conductance	137	µS/cm	GE
0	Specific conductance	138	µS/cm	GE
0	Specific conductance	139	µS/cm	GE
0	Turbidity	7.4	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	250	µg/L	GE
0	Chloride	4,260	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	760	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	30,000	µg/L	GE
0	Sulfate	4,220	µg/L	GE
0	Total dissolved solids	81,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-08	µCi/mL	GE
0	Total radium	2.0E-08 ± 3.4E-08	µCi/mL	GE
0	Tritium	8.3E-06 ± 5.0E-07	µCi/mL	GE

WELL PAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 8.62 ft (2.63 m) below TOC
Water elevation: 279.88 ft (85.25 m) msl
Sp. conductance: 344 µS/cm
Water evacuated before sampling: 22 gal
The well went dry during purging
Time: 13:20
pH: 8.6
Alkalinity: 108 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
1	Specific conductance	310	µS/cm	GE
0	Turbidity	5.5	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	41	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	32,000	µg/L	GE
0	Chloride	5,100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	190	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	6,900	µg/L	GE
2	Manganese	88	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	41,000	µg/L	GE
0	Sulfate	52,100	µg/L	GE
0	Total dissolved solids	181,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	5.2E-08 ± 2.8E-08	µCi/mL	GE
0	Total radium	<1.0E-08	µCi/mL	GE
0	Tritium	7.8E-06 ± 4.0E-07	µCi/mL	GE

WELL PAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 12.05 ft (3.67 m) below TOC
Water elevation: 277.35 ft (84.54 m) msl
Sp. conductance: 309 µS/cm
Water evacuated before sampling: 58 gal
Time: 11:40
pH: 6.4
Alkalinity: 113 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
1	Specific conductance	272	µS/cm	GE
0	Turbidity	21	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	39	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	24,000	µg/L	GE
0	Chloride	5,300	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	2,900	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	6,500	µg/L	GE
2	Manganese	340	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	38,000	µg/L	GE
0	Sulfate	<50,000	µg/L	GE
0	Total dissolved solids	166,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE

WELL PAC 8 collected on 04/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 2.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.0E-06 ± 4.0E-07	µCi/mL	GE

WELL PCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 21.85 ft (6.66 m) below TOC
Water elevation: 283.65 ft (86.46 m) msl
Sp. conductance: 253 µS/cm
Water evacuated before sampling: 53 gal
Time: 14:45
pH: 3.8
Alkalinity: 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Lead	5.0	µg/L	GE

WELL PCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 22.23 ft (6.78 m) below TOC
Water elevation: 282.67 ft (86.18 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 65 gal
Time: 14:30
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE

WELL PCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 19.78 ft (6.03 m) below TOC
Water elevation: 284.82 ft (86.81 m) msl
Sp. conductance: 431 µS/cm
Water evacuated before sampling: 58 gal
Time: 13:55
pH: 3.6
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Lead	30	µg/L	GE
2	Lead	30	µg/L	GE

WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/29/91
Depth to water: 27.52 ft (8.39 m) below TOC
Water elevation: 282.08 ft (85.98 m) msl
Sp. conductance: 519 µS/cm
Water evacuated before sampling: 50 gal
Time: 14:15
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Lead	14	µg/L	GE

WELL PDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91
Depth to water: 40.78 ft (12.43 m) below TOC
Water elevation: 278.72 ft (84.95 m) msl
Sp. conductance: 110 µS/cm
Water evacuated before sampling: 81 gal
Time: 12:20
pH: 5.1
Alkalinity: 6 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Lead	17	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE

WELL PDB 2 collected on 05/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Total activity	1.4E-03 ± 2.7E-05	µCi/mL	EM

WELL PDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/14/91
Depth to water: 40.74 ft (12.42 m) below TOC
Water elevation: 278.76 ft (84.97 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 80 gal
Time: 11:55
pH: 4.9
Alkalinity: 3 mg/L
Water temperature: 24.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL PRP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 32.14 ft (9.80 m) below TOC
Water elevation: 252.46 ft (76.95 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 51 gal
Time: 11:25
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Lead	13	µg/L	GE
0	Tetrachloroethylene	1.1	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.7	µg/L	GE
2	Tritium	3.9E-05 ± 8.0E-07	µCi/mL	GE

WELL PRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 22.35 ft (6.81 m) below TOC
Water elevation: 264.05 ft (80.48 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 79 gal
Time: 11:50
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Tritium	4.8E-06 ± 3.0E-07	µCi/mL	GE

WELL PRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 22.01 ft (6.71 m) below TOC
Water elevation: 258.69 ft (78.85 m) msl
Sp. conductance: 87 µS/cm
Water evacuated before sampling: 79 gal
Time: 12:45
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Lead	24	µg/L	GE
2	Tetrachloroethylene	22	µg/L	GE
1	1,1,1-Trichloroethane	177	µg/L	GE

ANALYTICAL RESULTS

WELL PRP 3 collected on 05/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Trichloroethylene	38	µg/L	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL PRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 24.20 ft (7.38 m) below TOC
Water elevation: 280.50 ft (79.40 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 72 gal
Time: 12:15
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
1	Tetrachloroethylene	2.7	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Tritium	8.8E-06 ± 4.0E-07	µCi/mL	GE

WELL PRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 24.20 ft (7.38 m) below TOC
Water elevation: 280.50 ft (79.40 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 72 gal
Time: 12:15
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
1	Tetrachloroethylene	2.5	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Tritium	8.4E-06 ± 4.0E-07	µCi/mL	GE

WELL PSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 52.44 ft (15.98 m) below TOC
Water elevation: 276.88 ft (84.33 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 51 gal
Time: 14:40
pH: 5.9
Alkalinity: 8 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	88	µg/L	GE
1	Lead	11	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Total activity	2.0E-01 ± 2.2E-03	µCi/mL	EM

WELL PSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 46.76 ft (14.25 m) below TOC
Water elevation: 276.94 ft (84.41 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 52 gal
Time: 14:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	24	µg/L	GE
0	Lead	5.3	µg/L	GE

WELL PSB 2A collected on 05/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Total activity	3.3E-02 ± 5.8E-04	µCi/mL	EM

WELL PSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 42.84 ft (13.06 m) below TOC
Water elevation: 275.78 ft (84.05 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 51 gal
Time: 13:35
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	421	µg/L	GE
2	Lead	82	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Total activity	3.8E-02 ± 4.2E-04	µCi/mL	EM

WELL PSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 37.30 ft (11.37 m) below TOC
Water elevation: 275.20 ft (83.88 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 52 gal
Time: 15:10
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	538	µg/L	GE
2	Lead	47	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Total activity	7.4E-03 ± 6.0E-05	µCi/mL	EM

WELL PSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91
Depth to water: 42.97 ft (13.10 m) below TOC
Water elevation: 276.33 ft (84.23 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 18 gal
The well went dry during purging
Time: 15:25
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	311	µg/L	GE
2	Lead	48	µg/L	GE
2	Lead	48	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	2.3	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE

WELL PSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 13:15
Depth to water: 46.68 ft (14.23 m) below TOC — pH: 4.8
Water elevation: 277.52 ft (84.59 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 67 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	81	µg/L	GE
1	Lead	8.1	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Total activity	1.2E-01 ± 1.7E-03	µCi/mL	EM

WELL PSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/01/91 — Time: 14:25
Depth to water: 53.84 ft (16.41 m) below TOC — pH: 5.6
Water elevation: 276.86 ft (84.39 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 66 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	122	µg/L	GE
1	Lead	10	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Total activity	1.1E-02 ± 2.5E-04	µCi/mL	EM

WELL PSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 10:40
Depth to water: 13.48 ft (4.11 m) below TOC — pH: 5.1
Water elevation: 206.12 ft (62.83 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Chloride	1,410	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Sodium	2,980	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE

WELL PSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 10:10
Depth to water: 25.34 ft (7.72 m) below TOC — pH: 4.6
Water elevation: 203.36 ft (61.98 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 69 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Chloride	1,390	µg/L	GE
0	Nitrate as nitrogen	740	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Sodium	873	µg/L	GE
0	Total dissolved solids	12,000	µg/L	GE

WELL PSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 12:55
Depth to water: 30.57 ft (9.32 m) below TOC — pH: 4.9
Water elevation: 203.43 ft (62.01 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 19 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Chloride	1,240	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Sodium	770	µg/L	GE
0	Total dissolved solids	10,000	µg/L	GE

WELL RAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 — Time: 12:40
Depth to water: 8.29 ft (2.53 m) below TOC — pH: 4.5
Water elevation: 275.31 ft (83.92 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 83 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 73 gal

WELL RAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 — Time: 13:20
Depth to water: 6.85 ft (2.09 m) below TOC — pH: 4.4
Water elevation: 273.55 ft (83.38 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 79 gal

WELL RAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 — Time: 14:10
Depth to water: 5.92 ft (1.80 m) below TOC — pH: 4.6
Water elevation: 273.38 ft (83.33 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 82 gal

WELL RAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 — Time: 13:50
Depth to water: 5.98 ft (1.82 m) below TOC — pH: 4.5
Water elevation: 273.04 ft (83.22 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 42 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 81 gal

WELL RDB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 9:30
Depth to water: 6.12 ft (1.87 m) below TOC — pH: 6.1
Water elevation: 286.28 ft (87.26 m) msl — Alkalinity: 82 mg/L
Sp. conductance: 237 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 55 gal

WELL RDB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 10:05
Depth to water: 7.16 ft (2.18 m) below TOC — pH: 6.9
Water elevation: 285.44 ft (87.00 m) msl — Alkalinity: 72 mg/L
Sp. conductance: 235 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 52 gal

ANALYTICAL RESULTS

WELL RDB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 10:35
Depth to water: 8.44 ft (2.57 m) below TOC — pH: 5.9
Water elevation: 284.26 ft (86.64 m) msl — Alkalinity: 121 mg/L
Sp. conductance: 127 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 48 gal

WELL RRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 — Time: 14:35
Depth to water: 16.17 ft (4.93 m) below TOC — pH: 4.6
Water elevation: 288.23 ft (81.70 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 68 gal

WELL RRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 — Time: 15:35
Depth to water: 14.89 ft (4.54 m) below TOC — pH: 4.4
Water elevation: 289.61 ft (82.18 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 71 gal

WELL RRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 — Time: 15:00
Depth to water: 10.74 ft (3.27 m) below TOC — pH: 5.0
Water elevation: 289.36 ft (82.10 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 62 gal

WELL RRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 — Time: 15:20
Depth to water: 11.90 ft (3.63 m) below TOC — pH: 5.3
Water elevation: 288.30 ft (81.78 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 79 gal

WELL RSA 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 14:10
Depth to water: 14.80 ft (4.51 m) below TOC — pH: 6.4
Water elevation: 299.90 ft (91.41 m) msl
Sp. conductance: 28 µS/cm — Water temperature: 23.2°C
No water was evacuated before sampling

WELL RSA 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 14:20
Depth to water: 16.20 ft (4.94 m) below TOC — pH: 6.4
Water elevation: 298.10 ft (90.86 m) msl
Sp. conductance: 35 µS/cm — Water temperature: 23.0°C
No water was evacuated before sampling

WELL RSA 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 14:30
Depth to water: 18.80 ft (5.73 m) below TOC — pH: 5.9
Water elevation: 293.30 ft (89.40 m) msl
Sp. conductance: 32 µS/cm — Water temperature: 23.2°C
No water was evacuated before sampling.

WELL RSA 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 14:40
Depth to water: 25.00 ft (7.62 m) below TOC — pH: 5.7
Water elevation: 290.40 ft (88.51 m) msl
Sp. conductance: 37 µS/cm — Water temperature: 21.9°C
No water was evacuated before sampling.

WELL RSB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 — Time: 12:30
Depth to water: 18.50 ft (5.64 m) below TOC — pH: 6.0
Water elevation: 289.60 ft (88.27 m) msl
Sp. conductance: 26 µS/cm — Water temperature: 23.0°C
No water was evacuated before sampling.

WELL RSB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 13:15
Depth to water: 13.30 ft (4.05 m) below TOC — pH: 5.2
Water elevation: 292.50 ft (89.16 m) msl
Sp. conductance: 30 µS/cm — Water temperature: 21.8°C
No water was evacuated before sampling.

WELL RSB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 13:10
Depth to water: 12.00 ft (3.66 m) below TOC — pH: 5.9
Water elevation: 293.60 ft (89.49 m) msl
Sp. conductance: 89 µS/cm — Water temperature: 21.1°C
No water was evacuated before sampling.

WELL RSC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 14:35
Depth to water: 19.70 ft (6.00 m) below TOC — pH: 6.4
Water elevation: 282.90 ft (86.23 m) msl
Sp. conductance: 78 µS/cm — Water temperature: 21.7°C
No water was evacuated before sampling

WELL RSC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 13:30
Depth to water: 20.00 ft (6.10 m) below TOC — pH: 6.1
Water elevation: 282.60 ft (86.14 m) msl
Sp. conductance: 53 µS/cm — Water temperature: 21.3°C
No water was evacuated before sampling

WELL RSC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 14:55
Depth to water: 10.80 ft (3.29 m) below TOC — pH: 6.4
Water elevation: 290.50 ft (88.55 m) msl
Sp. conductance: 35 µS/cm — Water temperature: 20.3°C
No water was evacuated before sampling.

WELL RSC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 14:55
Depth to water: 23.80 ft (7.25 m) below TOC — pH: 6.1
Water elevation: 281.30 ft (85.74 m) msl
Sp. conductance: 203 µS/cm — Water temperature: 22.1°C
No water was evacuated before sampling.

WELL RSC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 13:50
Depth to water: 9.00 ft (2.74 m) below TOC — pH: 6.0
Water elevation: 294.90 ft (89.88 m) msl
Sp. conductance: 80 µS/cm — Water temperature: 23.3°C
No water was evacuated before sampling.

WELL RSC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 13:55
Depth to water: 16.80 ft (5.12 m) below TOC — pH: 6.0
Water elevation: 292.20 ft (89.06 m) msl
Sp. conductance: 63 µS/cm — Water temperature: 21.2°C
No water was evacuated before sampling.

WELL RSC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 14:00
Depth to water: 8.50 ft (2.59 m) below TOC — pH: 6.3
Water elevation: 301.80 ft (91.99 m) msl
Sp. conductance: 85 µS/cm — Water temperature: 23.2°C
No water was evacuated before sampling.

WELL RSC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 14:40
Depth to water: 75.50 ft (23.01 m) below TOC — pH: 6.4
Water elevation: 227.70 ft (69.40 m) msl
Sp. conductance: 87 µS/cm — Water temperature: 21.2°C
No water was evacuated before sampling.

WELL RSC 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 14:10
Depth to water: 20.30 ft (6.19 m) below TOC — pH: 6.2
Sp. conductance: 54 µS/cm — Water temperature: 20.3°C
No water was evacuated before sampling.

WELL RSD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 10:30
Depth to water: 12.20 ft (3.72 m) below TOC — pH: 5.8
Water elevation: 288.80 ft (88.03 m) msl
Sp. conductance: 39 µS/cm — Water temperature: 21.8°C
No water was evacuated before sampling.

WELL RSD 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 14:00
Depth to water: 13.80 ft (4.21 m) below TOC — pH: 5.8
Water elevation: 287.40 ft (87.60 m) msl
Sp. conductance: 37 µS/cm — Water temperature: 22.5°C
No water was evacuated before sampling.

WELL RSD 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 13:55
Depth to water: 14.00 ft (4.27 m) below TOC — pH: 5.1
Water elevation: 289.60 ft (88.27 m) msl
Sp. conductance: 34 µS/cm — Water temperature: 21.0°C
No water was evacuated before sampling.

WELL RSD 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 14:05
Depth to water: 11.00 ft (3.35 m) below TOC — pH: 5.2
Water elevation: 290.70 ft (88.61 m) msl
Sp. conductance: 59 µS/cm — Water temperature: 21.1°C
No water was evacuated before sampling.

WELL RSD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 14:50
Depth to water: 9.50 ft (2.90 m) below TOC — pH: 5.5
Sp. conductance: 41 µS/cm — Water temperature: 22.0°C
No water was evacuated before sampling.

WELL RSD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 9:40
Depth to water: 10.80 ft (3.29 m) below TOC — pH: 5.7
Water elevation: 290.80 ft (88.64 m) msl
Sp. conductance: 30 µS/cm — Water temperature: 22.3°C
No water was evacuated before sampling.

WELL RSD 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 9:50
Depth to water: 11.50 ft (3.51 m) below TOC — pH: 5.3
Water elevation: 290.20 ft (88.45 m) msl
Sp. conductance: 31 µS/cm — Water temperature: 22.9°C
No water was evacuated before sampling.

ANALYTICAL RESULTS

WELL RSD 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 10:00
Depth to water: 13.60 ft (4.15 m) below TOC — pH: 6.0
Water elevation: 288.50 ft (87.84 m) msl
Sp. conductance: 45 µS/cm — Water temperature: 21.1°C
No water was evacuated before sampling

WELL RSD 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 10:20
Depth to water: 5.80 ft (1.77 m) below TOC — pH: 5.7
Water elevation: 287.80 ft (87.66 m) msl
Sp. conductance: 25 µS/cm — Water temperature: 24.1°C
No water was evacuated before sampling.

WELL RSD 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 10:10
Depth to water: 5.60 ft (1.71 m) below TOC — pH: 5.9
Water elevation: 287.40 ft (87.60 m) msl
Sp. conductance: 35 µS/cm — Water temperature: 23.2°C
No water was evacuated before sampling.

WELL RSD 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 12:30
Depth to water: 7.50 ft (2.29 m) below TOC — pH: 5.8
Water elevation: 285.10 ft (86.90 m) msl
Sp. conductance: 38 µS/cm — Water temperature: 25.5°C
No water was evacuated before sampling

WELL RSD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 12:35
Depth to water: 7.50 ft (2.29 m) below TOC — pH: 5.4
Water elevation: 285.00 ft (86.87 m) msl
Sp. conductance: 33 µS/cm — Water temperature: 24.5°C
No water was evacuated before sampling.

WELL RSD 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 12:40
Depth to water: 7.50 ft (2.29 m) below TOC — pH: 5.6
Water elevation: 284.80 ft (86.81 m) msl
Sp. conductance: 72 µS/cm — Water temperature: 24.0°C
No water was evacuated before sampling

WELL RSE 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 15:00
Depth to water: 9.60 ft (2.93 m) below TOC — pH: 5.0
Water elevation: 294.80 ft (89.86 m) msl
Sp. conductance: 73 µS/cm — Water temperature: 24.8°C
No water was evacuated before sampling

WELL RSE 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 15:05
Depth to water: 8.50 ft (2.59 m) below TOC — pH: 4.8
Water elevation: 295.20 ft (89.96 m) msl
Sp. conductance: 29 µS/cm — Water temperature: 22.9°C
No water was evacuated before sampling.

WELL RSE 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 15:10
Depth to water: 8.50 ft (2.59 m) below TOC — pH: 5.2
Water elevation: 295.10 ft (89.95 m) msl
Sp. conductance: 34 µS/cm — Water temperature: 24.8°C
No water was evacuated before sampling.

WELL RSE 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 14:55
Depth to water: 9.60 ft (2.93 m) below TOC — pH: 5.1
Water elevation: 293.20 ft (89.37 m) msl
Sp. conductance: 35 µS/cm — Water temperature: 23.7°C
No water was evacuated before sampling.

WELL RSE 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 13:50
Depth to water: 13.00 ft (3.96 m) below TOC — pH: 5.2
Water elevation: 288.00 ft (87.78 m) msl
Sp. conductance: 50 µS/cm — Water temperature: 22.2°C
No water was evacuated before sampling.

WELL RSE 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 13:35
Depth to water: 13.50 ft (4.11 m) below TOC — pH: 5.1
Water elevation: 291.10 ft (88.73 m) msl
Sp. conductance: 29 µS/cm — Water temperature: 23.3°C
No water was evacuated before sampling.

WELL RSE 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 13:40
Depth to water: 14.00 ft (4.27 m) below TOC — pH: 4.8
Water elevation: 291.90 ft (88.97 m) msl
Sp. conductance: 30 µS/cm — Water temperature: 22.9°C
No water was evacuated before sampling

WELL RSE 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 13:45
Depth to water: 14.00 ft (4.27 m) below TOC — pH: 5.0
Water elevation: 290.70 ft (88.61 m) msl
Sp. conductance: 51 µS/cm — Water temperature: 22.7°C
No water was evacuated before sampling

WELL RSE 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 12:40
Depth to water: 15.80 ft (4.82 m) below TOC — pH: 5.8
Water elevation: 290.20 ft (88.45 m) msl
Sp. conductance: 39 µS/cm — Water temperature: 23.8°C
No water was evacuated before sampling.

WELL RSE 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 10:40
Depth to water: 12.00 ft (3.66 m) below TOC — pH: 5.8
Water elevation: 292.60 ft (89.19 m) msl
Sp. conductance: 43 µS/cm — Water temperature: 26.3°C
No water was evacuated before sampling.

WELL RSE 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 13:25
Depth to water: 17.80 ft (5.43 m) below TOC — pH: 5.6
Water elevation: 285.20 ft (86.93 m) msl
Sp. conductance: 62 µS/cm — Water temperature: 23.4°C
No water was evacuated before sampling.

WELL RSE 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 13:20
Depth to water: 10.20 ft (3.11 m) below TOC — pH: 5.1
Water elevation: 291.90 ft (88.97 m) msl
Sp. conductance: 69 µS/cm — Water temperature: 23.6°C
No water was evacuated before sampling.

WELL RSE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 13:40
Depth to water: 22.50 ft (6.86 m) below TOC — pH: 5.2
Water elevation: 285.30 ft (86.96 m) msl
Sp. conductance: 42 µS/cm — Water temperature: 25.1°C
No water was evacuated before sampling.

WELL RSE 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 13:15
Depth to water: 19.20 ft (5.85 m) below TOC — pH: 4.7
Water elevation: 288.60 ft (87.97 m) msl
Sp. conductance: 40 µS/cm — Water temperature: 23.5°C
No water was evacuated before sampling.

WELL RSE 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 13:10
Depth to water: 12.20 ft (3.72 m) below TOC — pH: 5.4
Water elevation: 291.60 ft (88.88 m) msl
Sp. conductance: 81 µS/cm — Water temperature: 21.0°C
No water was evacuated before sampling.

WELL RSE 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 13:05
The well was dry.

WELL RSE 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 13:30
Depth to water: 8.80 ft (2.68 m) below TOC — pH: 5.1
Water elevation: 292.40 ft (89.12 m) msl
Sp. conductance: 29 µS/cm — Water temperature: 24.4°C
No water was evacuated before sampling.

WELL RSE 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 12:50
Depth to water: 23.00 ft (7.01 m) below TOC — pH: 6.5
Water elevation: 284.10 ft (86.59 m) msl
Sp. conductance: 154 µS/cm — Water temperature: 23.6°C
No water was evacuated before sampling.

WELL RSE 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 — Time: 13:00
Depth to water: 15.40 ft (4.69 m) below TOC — pH: 5.7
Water elevation: 289.40 ft (88.21 m) msl
Sp. conductance: 75 µS/cm — Water temperature: 22.3°C
No water was evacuated before sampling.

WELL RSE 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/91 — Time: 13:05
Depth to water: 10.56 ft (3.22 m) below TOC — pH: 4.7
Water elevation: 283.54 ft (86.42 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 121 gal

WELL RSE 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/13/91 — Time: 11:35
Depth to water: 15.60 ft (4.75 m) below TOC — pH: 5.0
Water elevation: 278.30 ft (84.83 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 81 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 107 gal

WELL RSF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 9:40
Depth to water: 21.00 ft (6.40 m) below TOC — pH: 10.3
Water elevation: 282.10 ft (85.99 m) msl — Alkalinity: 42 mg/L
Sp. conductance: 128 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 140 gal

WELL RSF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 10:00
Depth to water: 20.37 ft (6.21 m) below TOC — pH: 4.8
Water elevation: 282.43 ft (86.09 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 151 gal

ANALYTICAL RESULTS

WELL RSF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 12:00
Depth to water: 22.83 ft (6.96 m) below TOC — pH: 5.7
Water elevation: 284.27 ft (86.65 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 143 gal

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 14:40
Depth to water: 178.25 ft (54.64 m) below TOC — pH: 4.4
Water elevation: 185.45 ft (56.53 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 138 µS/cm — Water temperature: 20.5°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	9,760	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	27,100	µg/L	MA

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 14:00
Depth to water: 178.42 ft (54.38 m) below TOC — pH: 4.3
Water elevation: 186.28 ft (56.78 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 131 µS/cm — Water temperature: 22.4°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	110	µS/cm	GE
1	Aluminum	163	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	48	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,600	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	11,900	µg/L	GE
0	Phenols	5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,120	µg/L	GE
0	Sulfate	2,730	µg/L	GE
0	1,1,2,2-Tetrachloroethane	4.7	µg/L	GE
2	Tetrachloroethylene	15,300	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	39,800	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/ml	GE

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 14:10
Depth to water: 179.42 ft (54.69 m) below TOC — pH: 4.3
Water elevation: 185.28 ft (56.47 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 134 µS/cm — Water temperature: 22.1°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	14,700	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	37,100	µg/L	MA

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 10:40
Depth to water: 178.92 ft (54.54 m) below TOC — pH: 4.4
Water elevation: 185.78 ft (56.63 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 127 µS/cm — Water temperature: 20.8°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	25,900	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	50,600	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 9:15
Depth to water: 208.01 ft (63.40 m) below TOC — pH: 4.8
Water elevation: 163.29 ft (49.77 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 18.9°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	7,470	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	25,400	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 9:55
Depth to water: 209.16 ft (63.75 m) below TOC — pH: 4.6
Water elevation: 162.14 ft (49.42 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 64 µS/cm — Water temperature: 20.4°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	8,830	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	25,200	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 12:40
Depth to water: 207.14 ft (63.14 m) below TOC — pH: 4.7
Water elevation: 164.16 ft (50.04 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 82 µS/cm — Water temperature: 22.8°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	8,430	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	26,500	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 9:05
Depth to water: 167.92 ft (51.18 m) below TOC — pH: 4.5
Water elevation: 209.08 ft (63.73 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 68 µS/cm — Water temperature: 19.0°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	2,860	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	16,200	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 9:45
Depth to water: 168.03 ft (51.22 m) below TOC — pH: 4.3
Water elevation: 208.97 ft (63.69 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 65 µS/cm — Water temperature: 20.3°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	4,220	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	18,100	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 12:30
Depth to water: 168.74 ft (51.43 m) below TOC — pH: 4.5
Water elevation: 208.26 ft (63.48 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 64 µS/cm — Water temperature: 22.3°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	3,570	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	16,100	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 14:50
Depth to water: 160.20 ft (48.83 m) below TOC — pH: 4.8
Water elevation: 206.30 ft (62.88 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 20.4°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	trans-1,2-Dichloroethylene	<100	µg/L	MA
2	Tetrachloroethylene	362	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	5,890	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 14:00
Depth to water: 160.47 ft (48.91 m) below TOC — pH: 4.7
Water elevation: 206.03 ft (62.80 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 21.8°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	trans-1,2-Dichloroethylene	<100	µg/L	MA
2	Tetrachloroethylene	713	µg/L	GE
2	Tetrachloroethylene	308	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	5,220	µg/L	GE
2	Trichloroethylene	6,030	µg/L	MA
0	Total activity	2.7E-08 ± 1.3E-08	µCi/mL	EM

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 14:00
Depth to water: 160.47 ft (48.91 m) below TOC — pH: 4.7
Water elevation: 206.03 ft (62.80 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 21.8°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	trans-1,2-Dichloroethylene	<100	µg/L	MA
2	Tetrachloroethylene	308	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	6,460	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 11:00
Depth to water: 160.17 ft (48.82 m) below TOC — pH: 4.8
Water elevation: 206.33 ft (62.89 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 21.3°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	trans-1,2-Dichloroethylene	<100	µg/L	MA
2	Tetrachloroethylene	707	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	5,790	µg/L	MA

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 9:20
Depth to water: 159.26 ft (48.55 m) below TOC — pH: 4.7
Water elevation: 207.61 ft (63.28 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 18.8°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<25	µg/L	MA
0	1,1-Dichloroethylene	<25	µg/L	MA
0	trans-1,2-Dichloroethylene	<25	µg/L	MA
2	Tetrachloroethylene	885	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA
2	Trichloroethylene	1,710	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 10:05
Depth to water: 157.85 ft (48.11 m) below TOC — pH: 4.8
Water elevation: 209.05 ft (63.72 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 18.9°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<25	µg/L	MA
0	1,1-Dichloroethylene	<25	µg/L	MA
0	trans-1,2-Dichloroethylene	<25	µg/L	MA
2	Tetrachloroethylene	1,010	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA
2	Trichloroethylene	1,890	µg/L	MA

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 13:05
Depth to water: 157.45 ft (47.99 m) below TOC — pH: 4.7
Water elevation: 209.45 ft (63.84 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 22.1°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<25	µg/L	MA
0	1,1-Dichloroethylene	<25	µg/L	MA
0	trans-1,2-Dichloroethylene	<25	µg/L	MA
2	Tetrachloroethylene	1,170	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA
2	Trichloroethylene	1,950	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 16:00
Depth to water: 176.84 ft (53.90 m) below TOC — pH: 4.8
Water elevation: 172.26 ft (52.51 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 20.9°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	trans-1,2-Dichloroethylene	<250	µg/L	MA
2	Tetrachloroethylene	4,480	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	6,270	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 14:40
Depth to water: 177.00 ft (53.95 m) below TOC — pH: 4.7
Water elevation: 172.10 ft (52.46 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 21.3°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	trans-1,2-Dichloroethylene	<250	µg/L	MA
2	Tetrachloroethylene	6,840	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	8,930	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 11:25
Depth to water: 175.69 ft (53.55 m) below TOC — pH: 4.7
Water elevation: 173.41 ft (52.86 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 21.8°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	trans-1,2-Dichloroethylene	<250	µg/L	MA
2	Tetrachloroethylene	8,290	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	7,300	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 16:05
Depth to water: 157.48 ft (48.00 m) below TOC — pH: 4.5
Water elevation: 191.51 ft (58.37 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 83 µS/cm — Water temperature: 20.5°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<50	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	trans-1,2-Dichloroethylene	<50	µg/L	MA
2	Tetrachloroethylene	3,440	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	3,700	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91 — Time: 14:15
Depth to water: 158.26 ft (48.24 m) below TOC — pH: 4.5
Water elevation: 190.74 ft (58.14 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 20.8°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<50	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	trans-1,2-Dichloroethylene	<50	µg/L	MA
2	Tetrachloroethylene	5,730	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	4,970	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 14:45
Depth to water: 158.85 ft (47.84 m) below TOC — pH: 4.5
Water elevation: 192.05 ft (58.54 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 81 µS/cm — Water temperature: 21.9°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<50	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	trans-1,2-Dichloroethylene	<50	µg/L	MA
2	Tetrachloroethylene	4,910	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	4,890	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91 — Time: 9:30
Depth to water: 155.47 ft (47.39 m) below TOC — pH: 4.5
Water elevation: 193.53 ft (58.99 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 81 µS/cm — Water temperature: 21.0°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<50	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	trans-1,2-Dichloroethylene	<50	µg/L	MA
2	Tetrachloroethylene	5,520	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	5,460	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/22/91 — Time: 12:15
Depth to water: 156.74 ft (47.77 m) below TOC — pH: 4.4
Water elevation: 192.26 ft (58.60 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 80 µS/cm — Water temperature: 21.4°C
The well was continuously pumping

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91
Depth to water: 156.84 ft (47.81 m) below TOC
Water elevation: 192.16 ft (58.57 m) msl
Sp. conductance: 82 µS/cm
The well was continuously pumping.

Time: 11:30
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.0°C

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 157.95 ft (48.14 m) below TOC
Water elevation: 191.05 ft (58.23 m) msl
Sp. conductance: 79 µS/cm
The well was continuously pumping

Time: 11:40
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 20.0°C

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91
Depth to water: 156.64 ft (47.74 m) below TOC
Water elevation: 192.36 ft (58.63 m) msl
Sp. conductance: 80 µS/cm
The well was continuously pumping

Time: 11:35
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<50	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	trans-1,2-Dichloroethylene	<50	µg/L	MA
2	Tetrachloroethylene	5,230	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	5,060	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91
Depth to water: 148.17 ft (45.16 m) below TOC
Water elevation: 200.13 ft (61.00 m) msl
Sp. conductance: 117 µS/cm
The well was continuously pumping

Time: 14:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<5.0	µg/L	MA
2	Tetrachloroethylene	177	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	439	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91
Depth to water: 147.57 ft (44.98 m) below TOC
Water elevation: 200.73 ft (61.18 m) msl
Sp. conductance: 116 µS/cm
The well was continuously pumping

Time: 14:30
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<10	µg/L	MA
0	Chloroform	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethylene	<10	µg/L	MA
2	Tetrachloroethylene	247	µg/L	MA
2	Tetrachloroethylene	274	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	521	µg/L	MA
2	Trichloroethylene	552	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91
Depth to water: 146.48 ft (44.64 m) below TOC
Water elevation: 201.84 ft (61.52 m) msl
Sp. conductance: 120 µS/cm
The well was continuously pumping

Time: 10:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethylene	<10	µg/L	MA
2	Tetrachloroethylene	266	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	819	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91
Depth to water: 160.10 ft (48.80 m) below TOC
Water elevation: 220.50 ft (67.21 m) msl
Sp. conductance: 42 µS/cm
The well was continuously pumping.

Time: 16:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
0	Chloroform	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
2	Tetrachloroethylene	10	µg/L	MA
2	Tetrachloroethylene	13	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	181	µg/L	MA
2	Trichloroethylene	173	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91
Depth to water: 159.97 ft (48.76 m) below TOC
Water elevation: 220.63 ft (67.25 m) msl
Sp. conductance: 42 µS/cm
The well was continuously pumping.

Time: 14:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
0	Chloroform	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
2	Tetrachloroethylene	15	µg/L	MA
2	Tetrachloroethylene	18	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	192	µg/L	MA
2	Trichloroethylene	195	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91
Depth to water: 159.97 ft (48.76 m) below TOC
Water elevation: 220.63 ft (67.25 m) msl
Sp. conductance: 42 µS/cm
The well was continuously pumping

Time: 11:45
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
2	Tetrachloroethylene	14	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	182	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 14:30
Depth to water: 171.22 ft (52.19 m) below TOC — pH: 4.7
Water elevation: 184.28 ft (56.17 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 20.6°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	trans-1,2-Dichloroethylene	<250	µg/L	MA
2	Tetrachloroethylene	4,260	µg/L	MA
2	Tetrachloroethylene	257	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	2,270	µg/L	MA
2	Trichloroethylene	4,220	µg/L	MA

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 14:20
Depth to water: 172.67 ft (52.63 m) below TOC — pH: 4.6
Water elevation: 182.83 ft (55.73 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 21.2°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<200	µg/L	MA
0	1,1-Dichloroethylene	<200	µg/L	MA
0	trans-1,2-Dichloroethylene	<200	µg/L	MA
2	Tetrachloroethylene	4,250	µg/L	MA
0	1,1,1-Trichloroethane	<200	µg/L	MA
2	Trichloroethylene	3,070	µg/L	MA

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 10:30
Depth to water: 172.57 ft (52.60 m) below TOC — pH: 4.7
Water elevation: 182.93 ft (55.76 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 82 µS/cm — Water temperature: 21.0°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
0	trans-1,2-Dichloroethylene	<250	µg/L	MA
2	Tetrachloroethylene	6,520	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	3,770	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/12/91 — Time: 16:20
Depth to water: 170.83 ft (52.07 m) below TOC — pH: 4.3
Water elevation: 212.47 ft (64.76 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 20.9°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	trans-1,2-Dichloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 9:05
Depth to water: 171.36 ft (52.23 m) below TOC — pH: 4.4
Water elevation: 211.94 ft (64.60 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 20.4°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	8.4	µg/L	GE
0	Chloroform	1.8	µg/L	GE
0	Chloroform	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	trans-1,2-Dichloroethylene	<100	µg/L	MA
2	Tetrachloroethylene	418	µg/L	GE
2	Tetrachloroethylene	405	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	3,520	µg/L	GE
2	Trichloroethylene	4,750	µg/L	MA
0	Total activity	4.0E-06 ± 1.4E-06	µCi/mL	EM

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/13/91 — Time: 9:05
Depth to water: 171.36 ft (52.23 m) below TOC — pH: 4.4
Water elevation: 211.94 ft (64.60 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 20.4°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	trans-1,2-Dichloroethylene	<100	µg/L	MA
2	Tetrachloroethylene	405	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	4,560	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 11:55
Depth to water: 171.56 ft (52.29 m) below TOC — pH: 4.5
Water elevation: 211.74 ft (64.54 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 21.7°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
0	trans-1,2-Dichloroethylene	<100	µg/L	MA
0	Tetrachloroethylene	<100	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	4,310	µg/L	MA

WELL RWM 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91 — Time: 13:45
Depth to water: 133.83 ft (40.82 m) below TOC — pH: 5.1
Water elevation: 225.47 ft (68.72 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 21.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.6	µg/L	GE
0	Barium	3.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,420	µg/L	GE
0	Calcium	1,310	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,440	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

WELL RWM 12 collected on 05/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 200	µg/L	MA
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 200	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 200	µg/L	MA
0	Dichloromethane (Methylene chloride)	1.1	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
2	Iron	1,660	µg/L	GE
2	Iron	1,670	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	587	µg/L	GE
0	Magnesium	589	µg/L	GE
2	Manganese	327	µg/L	GE
2	Manganese	327	µg/L	GE
0	Mercury	0.29	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	516	µg/L	GE
0	Potassium	551	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,880	µg/L	GE
0	Sodium	3,900	µg/l	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	33	µg/L	GE
2	Tetrachloroethylene	261	µg/L	MA
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/l	GE
2	Total organic halogens	3,490	µg/L	GE
2	Total organic halogens	3,490	µg/L	GE
0	Total phosphates (as P)	170	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 200	µg/L	MA
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	3,040	µg/L	GE
2	Trichloroethylene	5,930	µg/l	MA
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	3.8E-09 ± 4.3E-09	µCi/mL	GE
0	Nonvolatile beta	4.7E-09 ± 1.0E-08	µCi/mL	GE
0	Total activity	2.8E-08 ± 1.5E-08	µCi/mL	EM
1	Total radium	3.0E-09 ± 3.7E-09	µCi/mL	GE
1	Total radium	3.6E-09 ± 3.9E-08	µCi/mL	GE
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE

WELL SBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91 — Time: 15:50
Depth to water: 23.64 ft (7.21 m) below TOC — pH: 4.7
Water elevation: 238.76 ft (72.77 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 126 gal

WELL SBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/91 — Time: 13:40
Depth to water: 52.54 ft (16.01 m) below TOC — pH: 4.7
Water elevation: 237.48 ft (72.38 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 82 gal

WELL SBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/91 — Time: 14:10
Depth to water: 48.13 ft (14.98 m) below TOC — pH: 4.7
Water elevation: 237.47 ft (72.38 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 81 gal

WELL SBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91 — Time: 16:15
Depth to water: 31.75 ft (9.68 m) below TOC — pH: 4.7
Water elevation: 241.35 ft (73.56 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 146 gal

WELL SBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91 — Time: 15:05
Depth to water: 34.59 ft (10.54 m) below TOC — pH: 6.0
Water elevation: 249.81 ft (76.17 m) msl — Alkalinity: 11 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 133 gal

WELL SBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/23/91 — Time: 15:30
Depth to water: 36.98 ft (11.27 m) below TOC — pH: 4.8
Water elevation: 244.72 ft (74.59 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 86 gal

WELL SCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/91 — Time: 12:30
Depth to water: 47.51 ft (14.48 m) below TOC — pH: 5.7
Sp. conductance: 20 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 85 gal

WELL SCA 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/91 — Time: 11:30
The well was dry

WELL SCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/91 — Time: 12:50
Depth to water: 47.27 ft (14.41 m) below TOC — pH: 6.1
Water elevation: 241.63 ft (73.65 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 88 gal

WELL SCA 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/91 — Time: 11:35
The well was dry

ANALYTICAL RESULTS

WELL SCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 — Time: 15:05
Depth to water: 47.20 ft (14.39 m) below TOC — pH: 8.2
Water elevation: 240.10 ft (73.18 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 13 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.7	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,290	µg/L	GE
0	Chloride	1,160	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	350	µg/L	GE
0	Lead	3.3	µg/L	GE
0	Magnesium	554	µg/L	GE
2	Manganese	74	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	420	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	637	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,490	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
1	Gross alpha	1.3E-08 ± 3.2E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 4.2E-09	µCi/mL	GE
0	Total activity	2.2E-05 ± 1.6E-06	µCi/mL	EM
2	Total radium	1.5E-08 ± 4.7E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL SCA 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 — Time: 15:15
Depth to water: 15.69 ft (4.78 m) below TOC — pH: 8.5
Water elevation: 271.61 ft (82.79 m) msl — Alkalinity: 137 mg/L
Sp. conductance: 506 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 4 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
1	Specific conductance	410	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	132	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	53,100	µg/L	GE
0	Chloride	6,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	7,210	µg/L	GE
2	Manganese	1,350	µg/L	GE
2	Manganese	1,370	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	4,250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	14,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,330	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	33,900	µg/L	GE
0	Sulfate	4,270	µg/L	GE
0	Total dissolved solids	318,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
1	Total organic halogens	37	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-08 ± 1.1E-08	µCi/mL	GE
0	Total activity	2.2E-05 ± 1.6E-06	µCi/mL	EM
1	Total radium	3.2E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL SCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 — Time: 14:25
Depth to water: 45.78 ft (13.95 m) below TOC — pH: 8.2
Water elevation: 240.42 ft (73.28 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 10 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.5	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.9	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,280	µg/L	GE
0	Chloride	760	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	504	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	430	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,270	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,350	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.8E-09	µCi/mL	GE
0	Total activity	2.9E-05 ± 1.7E-06	µCi/mL	EM
0	Total radium	2.3E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	2.3E-05 ± 7.0E-07	µCi/mL	GE

WELL SCA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 — Time: 14:35
Depth to water: 17.02 ft (5.19 m) below TOC — pH: 8.2
Water elevation: 269.08 ft (82.02 m) msl — Alkalinity: 53 mg/L
Sp. conductance: 251 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 3 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.5	pH	GE
0	Specific conductance	205	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	50	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	24,400	µg/L	GE
0	Chloride	3,980	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	3,870	µg/L	GE
1	Manganese	36	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,050	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,240	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,900	µg/L	GE
0	Sulfate	46,000	µg/L	GE
0	Total dissolved solids	130,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	30	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.7E-09 ± 3.0E-09	µCi/mL	GE
0	Total activity	1.6E-05 ± 1.5E-06	µCi/mL	EM
1	Total radium	2.5E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	3.1E-05 ± 8.0E-07	µCi/mL	GE

WELL SCA 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 Time: 10:55
Depth to water: 48.35 ft (14.74 m) below TOC
Water elevation: 239.75 ft (73.08 m) msl
Inaccessibility or pump failure prevented sample collection

WELL SCA 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 Time: 14:10
Depth to water: 45.33 ft (13.82 m) below TOC pH: 8.3
Water elevation: 240.47 ft (73.30 m) msl Alkalinity: 60 mg/L
Sp. conductance: 161 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.2	pH	GE
0	Specific conductance	137	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	39,900	µg/L	GE
0	Chloride	1,890	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	138	µg/L	GE
0	Manganese	9.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	390	µg/L	GE
0	Nitrate as nitrogen	370	µg/L	GE
0	Phenols	9.0	µg/L	GE
0	Potassium	938	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,620	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,200	µg/L	GE
0	Sulfate	15,400	µg/L	GE
0	Total dissolved solids	94,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.8	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Gross alpha	2.9E-09 ± 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.9E-09 ± 2.8E-09	µCi/mL	GE
0	Total activity	1.6E-05 ± 1.6E-06	µCi/mL	EM
1	Total radium	2.8E-09 ± 2.9E-09	µCi/mL	GE
1	Tritium	1.6E-05 ± 6.0E-07	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL SLP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 Time: 15:40
Depth to water: 39.57 ft (12.06 m) below TOC pH: 5.2
Water elevation: 245.23 ft (74.75 m) msl Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 7 gal
The well went dry during purging

WELL SLP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 Time: 14:00
Depth to water: 38.94 ft (11.87 m) below TOC pH: 6.1
Water elevation: 244.86 ft (74.63 m) msl Alkalinity: 8 mg/L
Sp. conductance: 33 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 71 gal

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 Time: 13:30
Inaccessibility or pump failure prevented sample collection

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/11/91 Time: 10:15
The well was dry.

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 Time: 14:00
Depth to water: 108.17 ft (33.28 m) below TOC pH: 4.4
Water elevation: 211.43 ft (64.44 m) msl Alkalinity: 0 mg/L
Sp. conductance: 54 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 34 gal

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 Time: 14:10
Depth to water: 115.48 ft (35.20 m) below TOC pH: 4.5
Water elevation: 205.12 ft (62.52 m) msl Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 306 gal

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 Time: 13:50
Depth to water: 114.72 ft (34.97 m) below TOC pH: 4.8
Water elevation: 205.88 ft (62.75 m) msl Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 139 gal

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 Time: 14:30
Depth to water: 122.00 ft (37.19 m) below TOC pH: 4.8
Water elevation: 210.10 ft (64.04 m) msl Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 123 gal

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 Time: 12:00
The well was dry.

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 Time: 12:10
Depth to water: 101.30 ft (30.88 m) below TOC pH: 5.2
Water elevation: 208.10 ft (63.43 m) msl Alkalinity: 4 mg/L
Sp. conductance: 43 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 35 gal

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 Time: 13:20
Depth to water: 98.87 ft (30.07 m) below TOC pH: 4.9
Water elevation: 209.03 ft (63.71 m) msl Alkalinity: 3 mg/L
Sp. conductance: 37 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	50	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethylene	<10	µg/L	MA
0	Tetrachloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	Trichloroethylene	<10	µg/L	MA

ANALYTICAL RESULTS

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 15:55
Depth to water: 92.20 ft (28.10 m) below TOC — pH: 5.3
Water elevation: 208.90 ft (63.08 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 9:55
Depth to water: 81.98 ft (24.99 m) below TOC — pH: 5.1
Water elevation: 208.12 ft (62.83 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 10:55
Depth to water: 54.97 ft (16.76 m) below TOC — pH: 4.9
Water elevation: 198.43 ft (60.48 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	2.4	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
1	Trichloroethylene	3.8	µg/L	MA

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 11:15
Depth to water: 55.19 ft (16.82 m) below TOC — pH: 4.7
Water elevation: 198.11 ft (60.38 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 220 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 11:05
Depth to water: 54.34 ft (16.56 m) below TOC — pH: 4.8
Water elevation: 199.08 ft (60.67 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 122 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 12:35
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 13:05
Depth to water: 66.08 ft (20.85 m) below TOC — pH: 4.7
Water elevation: 207.72 ft (63.31 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
1	Trichloroethylene	2.9	µg/L	MA

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 10:35
Depth to water: 41.96 ft (12.79 m) below TOC — pH: 4.5
Water elevation: 194.34 ft (59.24 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 237 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 10:25
Depth to water: 45.79 ft (13.96 m) below TOC — pH: 5.2
Water elevation: 190.51 ft (58.07 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 13 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 118 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 10:30
Depth to water: 38.72 ft (11.80 m) below TOC — pH: 5.0
Water elevation: 197.58 ft (60.22 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 9:40
Depth to water: 97.39 ft (29.68 m) below TOC — pH: 4.8
Water elevation: 200.31 ft (61.08 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 279 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 9:20
Depth to water: 95.79 ft (29.20 m) below TOC — pH: 4.9
Water elevation: 201.91 ft (61.54 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 128 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 9:25
Depth to water: 91.30 ft (27.88 m) below TOC — pH: 5.1
Water elevation: 206.31 ft (62.88 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 8:55
Depth to water: 125.22 ft (38.17 m) below TOC — pH: 5.2
Water elevation: 201.78 ft (61.50 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 248 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 8:30
Depth to water: 123.62 ft (37.68 m) below TOC — pH: 5.2
Water elevation: 203.28 ft (61.98 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 132 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
2	Trichloroethylene	18	µg/L	MA

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 8:45
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 15:25
Depth to water: 111.40 ft (33.98 m) below TOC — pH: 7.1
Water elevation: 207.61 ft (63.28 m) msl — Alkalinity: 17 mg/L
Sp. conductance: 56 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 288 gal

ANALYTICAL RESULTS

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 15:10
Depth to water: 111.33 ft (33.93 m) below TOC — pH: 5.0
Water elevation: 207.77 ft (63.33 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 147 gal

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 15:15
Depth to water: 109.30 ft (33.32 m) below TOC — pH: 5.0
Water elevation: 209.80 ft (63.95 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 58 gal

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 15:40
Depth to water: 135.75 ft (41.38 m) below TOC — pH: 7.0
Water elevation: 211.05 ft (64.33 m) msl — Alkalinity: 39 mg/L
Sp. conductance: 78 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 24 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	trans 1,2-Dichloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 11:50
Depth to water: 134.95 ft (41.13 m) below TOC — pH: 4.8
Water elevation: 211.85 ft (64.57 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 136 gal

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/20/91 — Time: 11:35
Depth to water: 134.30 ft (40.94 m) below TOC — pH: 5.0
Water elevation: 212.30 ft (64.71 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 17 gal

WELL SSS 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91 — Time: 10:30
Depth to water: 33.88 ft (10.33 m) below TOC — pH: 4.8
Water elevation: 161.02 ft (49.08 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 5 gal

WELL SSS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91 — Time: 11:25
Depth to water: 10.92 ft (3.33 m) below TOC — pH: 4.6
Water elevation: 154.18 ft (46.99 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 8 gal

WELL SSS 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/17/91 — Time: 11:00
Depth to water: 8.17 ft (2.49 m) below TOC — pH: 4.7
Water elevation: 156.43 ft (47.68 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 7 gal

WELL SSS 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 — Time: 15:30
Depth to water: 68.23 ft (20.80 m) below TOC — pH: 5.0
Water elevation: 106.57 ft (60.52 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 140 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 3 gal

WELL SSS 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/11/91 — Time: 13:05
Depth to water: 48.84 ft (14.83 m) below TOC — pH: 4.8
Water elevation: 101.36 ft (58.33 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 4 gal

WELL SSS 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 — Time: 14:45
Depth to water: 33.21 ft (10.12 m) below TOC — pH: 4.7
Water elevation: 180.19 ft (54.92 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 3 gal

WELL SSS 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 11:15
Inaccessibility or pump failure prevented sample collection

WELL SSS 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 11:15
Inaccessibility or pump failure prevented sample collection

WELL SSS 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/04/91 — Time: 11:15
Inaccessibility or pump failure prevented sample collection

WELL SSS 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 14:10
Depth to water: 72.57 ft (22.12 m) below TOC — pH: 4.8
Water elevation: 230.03 ft (72.80 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 71 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 4 gal

WELL SSS 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 14:20
The well was dry

WELL SSS 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 14:35
Depth to water: 69.17 ft (21.08 m) below TOC
Water elevation: 233.13 ft (71.06 m) msl
Inaccessibility of pump failure prevented sample collection

WELL SSS 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 11:15
Depth to water: 16.88 ft (5.14 m) below TOC — pH: 4.5
Water elevation: 205.84 ft (62.74 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 12 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Chloride	3,280	µg/L	GE
0	Nitrate as nitrogen	510	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Sodium	864	µg/L	GE
0	Total dissolved solids	12,000	µg/L	GE

WELL SSS 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 11:20
Depth to water: 49.27 ft (15.02 m) below TOC — pH: 4.8
Water elevation: 180.83 ft (55.15 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 1 gal

WELL SSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/20/91 — Time: 14:00
Depth to water: 73.84 ft (22.51 m) below TOC — pH: 4.6
Water elevation: 179.16 ft (54.61 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 2 gal

WELL SSS 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/21/91 — Time: 11:00
Depth to water: 94.36 ft (28.76 m) below TOC — pH: 4.7
Water elevation: 162.14 ft (58.56 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 1 gal

WELL SSS 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 16:00
Depth to water: 48.59 ft (14.81 m) below TOC — pH: 4.6
Water elevation: 242.31 ft (73.86 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 12 gal

WELL SSS 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 15:25
Depth to water: 50.75 ft (15.47 m) below TOC — pH: 4.6
Water elevation: 250.25 ft (76.28 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 9 gal

WELL SSS 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/05/91 — Time: 13:10
Depth to water: 62.96 ft (19.19 m) below TOC — pH: 5.0
Water elevation: 252.24 ft (76.88 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 1 gal

WELL SSS 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 12:10
Depth to water: 5.02 ft (1.53 m) below TOC — pH: 6.0
Water elevation: 198.18 ft (60.41 m) msl — Alkalinity: 25 mg/L
Sp. conductance: 83 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 19 gal

WELL SSS 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 11:50
Depth to water: 17.94 ft (5.47 m) below TOC — pH: 4.8
Water elevation: 198.08 ft (60.04 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 12 gal

WELL SSS 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/12/91 — Time: 12:40
Depth to water: 33.46 ft (10.20 m) below TOC — pH: 4.4
Water elevation: 180.32 ft (54.96 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 13 gal

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/91 — Time: 14:55
Depth to water: 49.76 ft (15.17 m) below TOC — pH: 4.8
Water elevation: 101.44 ft (30.92 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 155 µS/cm — Water temperature: 23.0°C
Water evacuated before sampling: 32 gal

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/91 — Time: 10:00
Depth to water: 49.95 ft (15.22 m) below TOC — pH: 4.8
Water elevation: 101.25 ft (30.86 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 151 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	111	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	129	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	3,670	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	7,300	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE

ANALYTICAL RESULTS

WELL TBG 1 collected on 06/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	53	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,000	µg/L	GE
2	Manganese	111	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nitrate as nitrogen	10,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,770	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,100	µg/L	GE
0	Sulfate	1,870	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	98,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	24	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	7.7	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	3.0E-09 ± 1.8E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-09 ± 2.9E-09	µCi/mL	GE
2	Total radium	5.5E-09 ± 4.6E-09	µCi/mL	GE
2	Total radium	8.2E-09 ± 5.2E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91
Depth to water: 46.56 ft (14.19 m) below TOC
Water elevation: 104.64 ft (31.89 m) msl
Sp. conductance: 213 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 9:10
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	Specific conductance	199	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	193	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,350	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,880	µg/L	GE
0	Chloride	4,880	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,2-Dichloroethane	3.2	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	140	µg/L	GE
0	Iron	52	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,880	µg/L	GE
2	Manganese	519	µg/L	GE
0	Mercury	0.25	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nitrate as nitrogen	25,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL TBG 3 collected on 06/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Potassium	3,150	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	24,100	µg/L	GE
0	Sulfate	1,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	12	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	170,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	850	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	3.9	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	408	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	7.4E-09 ± 2.3E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 3.8E-09	µCi/mL	GE
2	Total radium	1.9E-08 ± 5.5E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 04/30/91
Depth to water: 47.53 ft (14.49 m) below TOC
Water elevation: 103.77 ft (31.63 m) msl
Sp. conductance: 379 µS/cm
No water was evacuated before sampling.

Time: 9:50
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 22.1°C

WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91
Depth to water: 44.84 ft (13.67 m) below TOC
Water elevation: 104.56 ft (31.87 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 153 gal

Time: 11:25
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,740	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,560	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	350	µg/L	GE
2	Manganese	52	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	750	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	673	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,560	µg/L	GE

WELL TBG 5A collected on 06/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	2,520	µg/L	GE
0	Sulfate	11,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	44	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.[illegible]06 ± 3.0E-07	µCi/mL	GE

WELL TBG 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91
Depth to water: 33.79 ft (10.30 m) below TOC
Water elevation: 116.21 ft (35.42 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 121 gal

Time: 11:10
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,980	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,850	µg/L	GE
0	Chloride	1,980	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	674	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	623	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,080	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	23,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,170	µg/L	GE
0	Sulfate	9,560	µg/L	GE
0	Sulfate	9,790	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	57,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL TBG 5B collected on 06/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91
Depth to water: 38.67 ft (11.79 m) below TOC
Water elevation: 108.13 ft (32.96 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 61 gal

Time: 10:20
pH: 5.7
Alkalinity: 11 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.2	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,020	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,880	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	5.4	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	515	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,080	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	885	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	8,130	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,010	µg/L	GE
0	Sulfate	3,010	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	28	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 10:20
Depth to water: 38.67 ft (11.78 m) below TOC — pH: 5.7
Water elevation: 108.13 ft (32.96 m) msl — Alkalinity: 11 mg/L
Sp. conductance: 51 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,050	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,570	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	4.3	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.6	µg/L	GE
0	Iron	5.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	515	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	890	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silica	9,140	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,980	µg/L	GE
0	Sulfate	3,010	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	44,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	20	µg/L	GE
1	Total organic halogens	27	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 14:30
Depth to water: 55.37 ft (17.18 m) below TOC — pH: 6.1
Water elevation: 100.13 ft (30.52 m) msl — Alkalinity: 18 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE

WELL TNX 1D collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,050	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,670	µg/L	GE
0	Chloride	2,720	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.5	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	549	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	200	µg/L	GE
0	Nitrate as nitrogen	400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	879	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,580	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,570	µg/L	GE
0	Sulfate	1,530	µg/L	GE
0	Sulfate	1,580	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	44,000	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91 — Time: 15:25
Depth to water: 55.12 ft (16.80 m) below TOC — pH: 5.7
Water elevation: 99.98 ft (30.47 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 92 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	79	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,340	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,160	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE

WELL TNX 2D collected on 05/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	918	µg/L	GE
2	Manganese	112	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	2,480	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,240	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	14,100	µg/L	GE
0	Silica	14,600	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	7,190	µg/L	GE
0	Sulfate	2,630	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.6	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	61,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	1.7	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91
Depth to water: 53.38 ft (16.27 m) below TOC
Water elevation: 100.92 ft (30.76 m) msl
Sp. conductance: 147 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 11:10
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	190	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	80	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	6,910	µg/L	GE
2	Carbon tetrachloride	27	µg/L	GE
0	Chloride	3,560	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	627	µg/L	GE
0	Manganese	22	µg/L	GE
0	Mercury	< 0.2..	µg/L	GE
0	Nitrate as nitrogen	1,450	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,050	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silica	12,600	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,630	µg/L	GE
0	Sulfate	1,060	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	2.1	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	240	µg/L	GE
0	Total phosphates (as P)	210	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	2.1	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	2.3E-09 ± 1.5E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 2.9E-09	µCi/mL	GE

WELL TNX 3D collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	10,400	µg/L	GE
0	Silica	10,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	15,300	µg/L	GE
0	Sulfate	1,210	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	14	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	171,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	136	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	276	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
2	Gross alpha	7.3E-08 ± 8.8E-09	µCi/mL	GE
0	Gross alpha	4.8E-09 ± 2.4E-09	µCi/mL	GE
2	Nonvolatile beta	2.1E-07 ± 1.2E-08	µCi/mL	GE
1	Total radium	3.1E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	3.7E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91
Depth to water: 44.89 ft (13.68 m) below TOC
Water elevation: 104.91 ft (31.98 m) msl
Sp. conductance: 46 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 11:45
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,240	µg/L	GE
0	Carbon tetrachloride	1.7	µg/L	GE
0	Chloride	3,320	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	627	µg/L	GE
0	Manganese	22	µg/L	GE
0	Mercury	< 0.2..	µg/L	GE
0	Nitrate as nitrogen	1,450	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,050	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silica	12,600	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,630	µg/L	GE
0	Sulfate	1,060	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	2.1	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	240	µg/L	GE
0	Total phosphates (as P)	210	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	2.1	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	2.3E-09 ± 1.5E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 2.9E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL TNX 4D collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	6.3E-08 ± 4.0E-07	µCi/mL	GE

WELL TNX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91
Depth to water: 42.11 ft (12.84 m) below TOC
Water elevation: 107.19 ft (32.67 m) msl
Sp. conductance: 128 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging
Time: 12:20
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	112	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	34	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	6,780	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	4,700	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	1,290	µg/L	GE
1	Manganese	36	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
1	Nitrate as nitrogen	5,250	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,590	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	11,800	µg/L	GE
0	Silica	12,400	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	11,600	µg/L	GE
0	Sulfate	8,970	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	7.9	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	99,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91
Depth to water: 43.44 ft (13.24 m) below TOC
Water elevation: 107.06 ft (32.63 m) msl
Sp. conductance: 184 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging
Time: 12:50
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	106	µg/L	GE
0	Benzene	< 1.0	µg/L	GE

WELL TNX 6D collected on 05/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	12,800	µg/L	GE
1	Carbon tetrachloride	3.5	µg/L	GE
0	Chloride	2,880	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	160	µg/L	GE
0	Fluoride	180	µg/L	GE
0	Iron	81	µg/L	GE
0	Lead	3.1	µg/L	GE
0	Magnesium	3,150	µg/L	GE
2	Manganese	147	µg/L	GE
0	Mercury	0.29	µg/L	GE
2	Nitrate as nitrogen	11,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	2,110	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	< 100	µg/L	GE
0	Silica	13,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	9,370	µg/L	GE
0	Sulfate	3,080	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	178,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	8.5	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	4.3E-09 ± 2.5E-09	µCi/mL	GE
0	Gross alpha	2.2E-09 ± 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.0E-09 ± 3.7E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09 ± 3.6E-09	µCi/mL	GE
1	Total radium	3.6E-09 ± 3.8E-09	µCi/mL	GE
2	Total radium	6.3E-09 ± 4.4E-09	µCi/mL	GE
0	Tritium	4.8E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	4.6E-06 ± 4.0E-07	µCi/mL	GE

WELL TNX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/06/91
Depth to water: 48.96 ft (14.92 m) below TOC
Water elevation: 101.94 ft (31.07 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 48 gal
Time: 17:40
pH: 5.4
Alkalinity: 10 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,600	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,950	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE

WELL TNX 7D collected on 05/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	139	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	523	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	960	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,800	µg/L	GE
0	Silica	13,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,320	µg/L	GE
0	Sulfate	8,600	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.1	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.4E-07 ± 2.0E-07	µCi/mL	GE

WELL TNX 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91
Depth to water: 5.98 ft (1.82 m) below TOC
Water elevation: 94.32 ft (28.75 m) msl
Sp. conductance: 121 µS/cm
Water evacuated before sampling: 53 gal

Time: 9:45
pH: 5.4
Alkalinity: 7 mg/L
Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	104	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	51	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,530	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,240	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	86	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,260	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,780	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,330	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,200	µg/L	GE
0	Sulfate	6,490	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE

WELL TNX 8D collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	81,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.4	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.9E-08 ± 3.0E-07	µCi/mL	GE

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91
Depth to water: 7.49 ft (2.28 m) below TOC
Water elevation: 94.21 ft (28.72 m) msl
Sp. conductance: 192 µS/cm
Water evacuated before sampling: 49 gal

Time: 10:20
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	162	µS/cm	GE
0	Arsenic	2.9	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,210	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,870	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	978	µg/L	GE
0	Lead	3.2	µg/L	GE
0	Magnesium	1,430	µg/L	GE
1	Manganese	33	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,260	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,430	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,790	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	21,500	µg/L	GE
0	Sulfate	54,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	125,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	2.5	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.7E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.4E-08 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 10:20
Depth to water: 7.49 ft (2.28 m) below TOC — pH: 5.0
Water elevation: 94.21 ft (28.72 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 192 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	187	µS/cm	GE
0	Arsenic	3.1	µg/L	GE
0	Barium	37	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	9,100	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	4,880	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
2	Iron	1,340	µg/L	GE
0	Lead	3.4	µg/L	GE
0	Magnesium	1,550	µg/L	GE
1	Manganese	34	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	1,230	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,520	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,220	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	20,000	µg/L	GE
0	Sulfate	69,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	115,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	1.2	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.2E-09 ± 3.8E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 12:20
Depth to water: 8.15 ft (2.48 m) below TOC — pH: 4.9
Water elevation: 94.15 ft (28.70 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 165 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	131	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	95	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	4,700	µg/L	GE
1	Carbon tetrachloride	4.9	µg/L	GE

WELL TNX 10D collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	19,300	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
2	Iron	352	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	2,020	µg/L	GE
1	Manganese	39	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	2,800	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	588	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	18,100	µg/L	GE
0	Sulfate	20,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	1.7	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	107,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	41	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-08 ± 2.7E-08	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 13:10
Depth to water: 5.84 ft (1.78 m) below TOC — pH: 4.9
Water elevation: 93.96 ft (28.64 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 55 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	5.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	3,470	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,760	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
2	Iron	397	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	758	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	< 0.20	µg/L	GE

WELL TNX 11D collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,130	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,190	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,390	µg/L	GE
0	Sulfate	16,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8.2	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/03/91 — Time: 13:40
Depth to water: 4.22 ft (1.29 m) below TOC — pH: 5.8
Water elevation: 94.98 ft (28.95 m) msl — Alkalinity: 26 mg/L
Sp. conductance: 77 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,440	µg/l	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/l	GE
0	Fluoride	<100	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,870	µg/L	GE
1	Manganese	34	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,460	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,590	µg/L	GE
0	Sulfate	7,090	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	5.8	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.7E-09 ± 3.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL TNX 12D collected on 05/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.5E-07 ± 2.0E-07	µCi/mL	GE
0	Tritium	8.4E-07 ± 2.0E-07	µCi/mL	GE

WELL XSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/91 — Time: 13:50
Depth to water: 56.64 ft (17.26 m) below TOC — pH: 5.3
Water elevation: 99.36 ft (30.29 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 99 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 146 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	91	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,920	µg/L	GE
0	Chloride	3,920	µg/L	GE
0	Chloride	3,900	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	348	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nitrate as nitrogen	7,200	µg/L	GE
1	Nitrate as nitrogen	7,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	898	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,200	µg/L	GE
0	Sulfate	6,760	µg/L	GE
0	Sulfate	6,550	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	56,000	µg/L	GE
0	Total dissolved solids	53,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 08/03/91 — Time 13 35
Depth to water 51 48 ft (15 89 m) below TOC — pH 5 5
Water elevation 104 42 ft (31 83 m) msl — Alkalinity 5 mg/L
Sp conductance 44 µS/cm — Water temperature 22 5°C
Water evacuated before sampling 104 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5 8	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Arsenic	< 2 0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	< 1 0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1 0	µg/L	GE
0	Bromoform	< 1 0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1 0	µg/L	GE
0	Cadmium	< 2 0	µg/L	GE
0	Calcium	2,980	µg/L	GE
0	Carbon tetrachloride	< 1 0	µg/L	GE
0	Chloride	1,860	µg/L	GE
0	Chlorobenzene	< 1 0	µg/L	GE
0	Chloroethane	< 1 0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1 0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1 0	µg/L	GE
0	Chloroform	< 1 0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1 0	µg/L	GE
0	Chromium	< 4 0	µg/L	GE
0	Dibromochloromethane	< 1 0	µg/L	GE
0	1,1-Dichloroethane	< 1 0	µg/L	GE
0	1,2-Dichloroethane	< 1 0	µg/L	GE
0	1,1-Dichloroethylene	< 1 0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1 0	µg/L	GE
0	1,2-Dichloropropane	< 1 0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1 0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1 0	µg/L	GE
0	Ethylbenzene	< 1 0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
2	Iron	664	µg/L	GE
0	Lead	< 3 0	µg/L	GE
0	Magnesium	614	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	< 0 20	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	< 5 0	µg/L	GE
0	Potassium	1,560	µg/L	GE
0	Selenium	< 2 0	µg/L	GE
0	Silica	23,900	µg/L	GE
0	Silver	< 2 0	µg/L	GE
0	Sodium	1,590	µg/L	GE
0	Sulfate	10,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1 0	µg/L	GE
0	Tetrachloroethylene	< 1 0	µg/L	GE
0	Toluene	< 1 0	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	< 5 0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1 0	µg/L	GE
0	1,1,2-Trichloroethane	< 1 0	µg/L	GE
0	Trichloroethylene	< 1 0	µg/L	GE
0	Trichlorofluoromethane	< 1 0	µg/L	GE
0	Gross alpha	< 2 0E-09	µCi/mL	GE
0	Nonvolatile beta	3 2E-09 ± 2 7E-09	µCi/mL	GE
0	Total radium	1 0E-09 ± 2 5E-09	µCi/mL	GE
0	Tritium	< 7 0E-07	µCi/mL	GE

WELL XSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 08/03/91 — Time 14 10
Depth to water 56 14 ft (17 11 m) below TOC — pH 5 3
Water elevation 99 86 ft (30 44 m) msl — Alkalinity 1 mg/L
Sp conductance 80 µS/cm — Water temperature 22 8°C
Water evacuated before sampling 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5 6	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Arsenic	< 2 0	µg/L	GE
0	Barium	26	µg/L	GE
0	Benzene	< 1 0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1 0	µg/L	GE
0	Bromoform	< 1 0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1 0	µg/L	GE
0	Cadmium	< 2 0	µg/L	GE
0	Calcium	2,810	µg/L	GE
2	Carbon tetrachloride	19	µg/L	GE

WELL XSB 1D collected on 08/03/91, laboratory analyses (cont)

F	Analyte	Result	Unit	Lab
0	Chloride	4,160	µg/L	GE
0	Chlorobenzene	< 1 0	µg/L	GE
0	Chloroethane	< 1 0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1 0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1 0	µg/L	GE
0	Chloroform	< 1 0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1 0	µg/L	GE
0	Chromium	< 4 0	µg/L	GE
0	Dibromochloromethane	< 1 0	µg/L	GE
0	1,1-Dichloroethane	< 1 0	µg/L	GE
0	1,2-Dichloroethane	< 1 0	µg/L	GE
0	1,1-Dichloroethylene	< 1 0	µg/L	GE
0	trans-1,2 Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1 0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1 0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	< 3 0	µg/L	GE
0	Magnesium	627	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	< 0 20	µg/L	GE
1	Nitrate as nitrogen	7,200	µg/L	GE
0	Phenols	< 5 0	µg/L	GE
0	Potassium	1,270	µg/L	GE
0	Selenium	< 2 0	µg/L	GE
0	Silica	10,500	µg/L	GE
0	Silver	< 2 0	µg/L	GE
0	Sodium	9,030	µg/L	GE
0	Sulfate	5,730	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1 0	µg/L	GE
0	Tetrachloroethylene	2 0	µg/L	GE
0	Toluene	< 1 0	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	98	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1 0	µg/L	GE
0	1,1,2-Trichloroethane	< 1 0	µg/L	GE
2	Trichloroethylene	85	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2 0E-09	µCi/mL	GE
0	Nonvolatile beta	2 4E-09 ± 2 6E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	6 8E-08 ± 4 0E-07	µCi/mL	GE

WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 08/04/91 — Time 9 30
Depth to water 55 27 ft (16 85 m) below TOC — pH 8 6
Water elevation 99 53 ft (30 34 m) msl — Alkalinity 46 mg/l
Sp conductance 245 µS/cm — Water temperature 22 0°C
Water evacuated before sampling 9 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8 1	pH	GE
0	Specific conductance	232	µS/cm	GE
0	Arsenic	< 2 0	µg/L	GE
0	Barium	90	µg/L	GE
0	Benzene	< 1 0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1 0	µg/L	GE
0	Bromoform	< 1 0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1 0	µg/L	GE
0	Cadmium	< 2 0	µg/L	GE
0	Calcium	24,300	µg/L	GE
2	Carbon tetrachloride	28	µg/L	GE
0	Chloride	4,840	µg/L	GE
0	Chlorobenzene	< 1 0	µg/L	GE
0	Chloroethane	< 1 0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1 0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1 0	µg/L	GE
0	Chloroform	3 5	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1 0	µg/L	GE
0	Chromium	< 4 0	µg/L	GE
0	Dibromochloromethane	< 1 0	µg/L	GE
0	1,1-Dichloroethane	< 1 0	µg/L	GE
0	1,2-Dichloroethane	< 1 0	µg/L	GE
0	1,1-Dichloroethylene	< 1 0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1 0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1 0	µg/L	GE
0	1,2-Dichloropropane	< 1 0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1 0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1 0	µg/L	GE
0	Ethylbenzene	< 1 0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4 0	µg/L	GE
0	Lead	< 3 0	µg/L	GE
0	Magnesium	1,280	µg/L	GE
0	Manganese	8 3	µg/L	GE
0	Mercury	0 32	µg/L	GE

WELL XSB 2D collected on 06/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Nitrate as nitrogen	13,800	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	3,350	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,990	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	21,200	µg/L	GE
0	Sulfate	2,070	µg/L	GE
0	Sulfate	2,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	185,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	344	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	198	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	4.0E-08 ± 3.0E-07	µCi/mL	GE

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/03/91 — Time: 13:00
Depth to water: 58.32 ft (17.77 m) below TOC — pH: 5.4
Water elevation: 100.68 ft (30.69 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 335 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
1	Specific conductance	329	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	44	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	13,700	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	3,940	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	9.5	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	2,680	µg/L	GE
2	Manganese	65	µg/L	GE
2	Mercury	2.2	µg/L	GE
2	Nitrate as nitrogen	33,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,990	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,840	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	44,400	µg/L	GE
0	Sulfate	3,690	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	230,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	876	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	1,230	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.6E-09 ± 2.9E-09	µCi/mL	GE

WELL XSB 3A collected on 06/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Total radium	3.3E-09 ± 3.8E-09	µCi/mL	GE
1	Total radium	3.1E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91 — Time: 9:55
Depth to water: 55.47 ft (18.91 m) below TOC — pH: 5.2
Water elevation: 99.43 ft (30.31 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 113 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	3,210	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	8,100	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	853	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	0.25	µg/L	GE
1	Nitrate as nitrogen	5,850	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,380	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	9,810	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	13,800	µg/L	GE
0	Sulfate	5,310	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	71,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	28	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
1	Trichloroethylene	3.2	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 3.8E-09	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/04/91 — Time 9 55
Depth to water 55 47 ft (16 81 m) below TOC — pH 8 2
Water elevation 99 43 ft (30 31 m) msl — Alkalinity 1 mg/L
Sp conductance 113 µS/cm — Water temperature 21 4°C
Water evacuated before sampling 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8 2	pH	GE
0	Specific conductance	82	µS/cm	GE
0	Arsenic	<2 0	µg/L	GE
0	Barium	29	µg/L	GE
0	Benzene	<1 0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1 0	µg/L	GE
0	Bromoform	<1 0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1 0	µg/L	GE
0	Cadmium	<2 0	µg/L	GE
0	Calcium	3,180	µg/L	GE
0	Carbon tetrachloride	<1 0	µg/L	GE
0	Chloride	8,500	µg/L	GE
0	Chlorobenzene	<1 0	µg/L	GE
0	Chloroethane	<1 0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1 0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1 0	µg/L	GE
0	Chloroform	<1 0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1 0	µg/L	GE
0	Chromium	<4 0	µg/l	GE
0	Dibromochloromethane	<1 0	µg/L	GE
0	1,1-Dichloroethane	<1 0	µg/L	GE
0	1,2-Dichloroethane	<1 0	µg/L	GE
0	1,1-Dichloroethylene	<1 0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1 0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1 0	µg/L	GE
0	1,2-Dichloropropane	<1 0	µg/L	GE
0	trans-1,3-Dichloropropene	<1 0	µg/L	GE
0	cis-1,3-Dichloropropene	<1 0	µg/L	GE
0	Ethylbenzene	<1 0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4 0	µg/L	GE
0	Lead	<3 0	µg/L	GE
0	Magnesium	852	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	0 24	µg/L	GE
0	Mercury	0 25	µg/L	GE
1	Nitrate as nitrogen	6,000	µg/L	GE
0	Phenols	<5 0	µg/L	GE
0	Potassium	1,360	µg/L	GE
0	Selenium	<2 0	µg/L	GE
0	Silica	9,880	µg/L	GE
0	Silver	<2 0	µg/L	GE
0	Sodium	13,000	µg/L	GE
0	Sulfate	8,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1 0	µg/L	GE
0	Tetrachloroethylene	<1 0	µg/L	GE
0	Toluene	<1 0	µg/L	GE
0	Total dissolved solids	74,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	29	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1 0	µg/L	GE
0	1,1,2-Trichloroethane	<1 0	µg/L	GE
2	Trichloroethylene	5 8	µg/L	GE
0	Trichlorofluoromethane	<1 0	µg/L	GE
0	Gross alpha	<2 0E-09	µCi/mL	GE
0	Nonvolatile beta	3 0E-09 ± 2 7E-09	µCi/mL	GE
0	Total radium	1 5E-09 ± 2 6E-09	µCi/mL	GE
0	Tritium	3 8E-06 ± 3 0E-07	µCi/mL	GE

WELL XSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/05/91 — Time 9 25
Depth to water 13 82 ft (4 15 m) below TOC — pH 4 8
Water elevation 98 38 ft (29 99 m) msl — Alkalinity 0 mg/L
Sp conductance 90 µS/cm — Water temperature 19 4°C
Water evacuated before sampling 53 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5 3	pH	GE
0	Specific conductance	72	µS/cm	GE
0	Arsenic	<2 0	µg/L	GE
0	Barium	8 1	µg/L	GE
0	Benzene	<1 0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1 0	µg/L	GE
0	Bromoform	<1 0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1 0	µg/L	GE
0	Cadmium	<2 0	µg/L	GE

WELL XSB 5A collected on 06/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	2,250	µg/L	GE
0	Carbon tetrachloride	<1 0	µg/L	GE
0	Chloride	5,400	µg/L	GE
0	Chloride	5,250	µg/L	GE
0	Chlorobenzene	<1 0	µg/L	GE
0	Chloroethane	<1 0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1 0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1 0	µg/L	GE
0	Chloroform	<1 0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1 0	µg/L	GE
0	Chromium	<4 0	µg/L	GE
0	Dibromochloromethane	<1 0	µg/L	GE
0	1,1-Dichloroethane	<1 0	µg/L	GE
0	1,2-Dichloroethane	<1 0	µg/L	GE
0	1,1-Dichloroethylene	<1 0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1 0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1 0	µg/L	GE
0	1,2-Dichloropropane	<1 0	µg/L	GE
0	trans-1,3-Dichloropropene	<1 0	µg/L	GE
0	cis-1,3-Dichloropropene	<1 0	µg/L	GE
0	Ethylbenzene	<1 0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	13	µg/L	GE
1	Lead	0 7	µg/L	GE
0	Magnesium	283	µg/L	GE
0	Manganese	8 1	µg/L	GE
0	Mercury	<0 20	µg/L	GE
0	Nitrate as nitrogen	4,550	µg/L	GE
0	Nitrate as nitrogen	4,550	µg/L	GE
0	Phenols	<5 0	µg/L	GE
0	Potassium	943	µg/L	GE
0	Selenium	<2 0	µg/L	GE
0	Silica	7,520	µg/L	GE
0	Silver	<2 0	µg/L	GE
0	Sodium	10,000	µg/L	GE
0	Sulfate	8,440	µg/L	GE
0	Sulfate	7,410	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1 0	µg/L	GE
0	Tetrachloroethylene	<1 0	µg/L	GE
0	Toluene	<1 0	µg/L	GE
0	Total dissolved solids	57,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1 0	µg/L	GE
0	1,1,2-Trichloroethane	<1 0	µg/L	GE
0	Trichloroethylene	1 8	µg/L	GE
0	Trichlorofluoromethane	<1 0	µg/L	GE
0	Gross alpha	<2 0E-09	µCi/mL	GE
0	Nonvolatile beta	3 5E-09 ± 2 8E-09	µCi/mL	GE
0	Total radium	2 0E-09 ± 3 7E-09	µCi/mL	GE
0	Tritium	4 4E-06 ± 3 0E-07	µCi/mL	GE

WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/03/91 — Time 10 55
Depth to water 23 01 ft (7 01 m) below TOC — pH 5 4
Water elevation 122 49 ft (37 34 m) msl — Alkalinity 3 mg/L
Sp conductance 38 µS/cm — Water temperature 22 0°C
Water evacuated before sampling 83 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5 7	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Arsenic	<2 0	µg/L	GE
0	Barium	9 8	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Cadmium	<2 0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Carbon tetrachloride	<1 0	µg/L	GE
0	Chloride	3,680	µg/L	GE
0	Chloroform	2 8	µg/L	GE
0	Chromium	<4 0	µg/L	GE
0	Copper	6 6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0 30	µg/L	GE
0	Endrin	<0 0000	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	47	µg/L	GE
0	Lead	3 5	µg/L	GE
0	Lindane	<0 0050	µg/L	GE
0	Magnesium	328	µg/L	GE
0	Manganese	2 4	µg/L	GE
0	Mercury	<0 20	µg/L	GE
0	Methoxychlor	<0 50	µg/L	GE
0	Nickel	8 7	µg/L	GE
0	Nitrate as nitrogen	1,300	µg/L	GE
0	Phenols	<5 0	µg/L	GE
0	Potassium	718	µg/L	GE
0	Selenium	<2 0	µg/L	GE
0	Silica	8,900	µg/L	GE
0	Silver	<2 0	µg/L	GE

WELL YSB 1A collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	3,780	µg/L	GE
0	Sulfate	1,520	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	50	µg/L	GE
0	Total phosphates (as P)	54	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Zinc	5.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	4.3E-08 ± 3.0E-07	µCi/mL	GE
0	Tritium	4.0E-08 ± 3.0E-07	µCi/mL	GE

WELL YSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 12:15
Depth to water: 20.91 ft (6.37 m) below TOC — pH: 5.2
Water elevation: 123.79 ft (37.73 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.2	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,570	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	660	µg/L	GE
0	Chloroform	2.7	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	531	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	859	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,160	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	7,080	µg/L	GE
0	Sulfate	5,770	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Zinc	9.1	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL YSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 12:15
Depth to water: 20.91 ft (6.37 m) below TOC — pH: 5.2
Water elevation: 123.79 ft (37.73 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE

WELL YSB 2A collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Barium	12	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,580	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	460	µg/L	GE
0	Chloroform	2.9	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	35	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	528	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	837	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,080	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	7,000	µg/L	GE
0	Sulfate	6,700	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Zinc	5.5	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	2.8E-08 ± 3.0E-07	µCi/mL	GE

WELL YSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 11:40
Depth to water: 20.62 ft (6.29 m) below TOC — pH: 6.3
Water elevation: 123.28 ft (37.58 m) msl — Alkalinity: 84 mg/L
Sp. conductance: 301 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.4	pH	GE
1	Specific conductance	388	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,450	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	4,840	µg/L	GE
0	Chloroform	50	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	547	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
1	Nitrate as nitrogen	5,100	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	755	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,390	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	76,200	µg/L	GE
0	Sulfate	14,700	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total dissolved solids	204,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
2	Total organic halogens	57	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Zinc	3.4	µg/L	GE

WELL YSB 3A collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	< 2.0E-09	µCi/ml	GE
0	Total radium	< 1.0E-09	µCi/ml	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/ml	GE

WELL YSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 11:15
Depth to water: 22.38 ft (6.82 m) below TOC — pH: 5.4
Water elevation: 122.22 ft (37.25 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 130 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 65 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Bromide	< 1,000	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	9,800	µg/L	GE
0	Chloroform	2.4	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	550	µg/L	GE
0	Manganese	0.7	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	7.4	µg/L	GE
1	Nitrate as nitrogen	5,000	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	872	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,830	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	22,300	µg/L	GE
0	Sulfate	11,400	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Total dissolved solids	59,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
1	Total organic halogens	30	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.060	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Zinc	9.4	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	< 2.0E-09	µCi/ml	GE
0	Total radium	1.8E-09 ± 2.6E-09	µCi/ml	GE
0	Tritium	2.1E-06 ± 3.0E-07	µCi/ml	GE

WELL YSC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91 — Time: 14:55
Inaccessibility of pump failure prevented sample collection

WELL YSC 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 — Time: 12:30
Depth to water: 51.10 ft (15.58 m) below TOC — pH: 7.4
Water elevation: 223.30 ft (68.06 m) msl — Alkalinity: 27 mg/L
Sp. conductance: 78 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 10 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
0	Specific conductance	66	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	44	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	10,900	µg/L	GE

WELL YSC 1C collected on 08/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	1,630	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	420	µg/L	GE
0	Nitrate as nitrogen	420	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,980	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,450	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	< 2.0E-09	µCi/ml	GE
0	Total radium	< 1.0E-09	µCi/ml	GE
2	Tritium	2.0E-05 ± 7.0E-07	µCi/ml	GE

WELL YSC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 — Time: 13:35
Depth to water: 120.82 ft (36.83 m) below TOC — pH: 11.3
Water elevation: 102.88 ft (49.05 m) msl — Alkalinity: 145 mg/L
Sp. conductance: 485 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 128 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	341	µS/cm	GE
0	Arsenic	2.2	µg/L	GE
0	Barium	154	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	41,800	µg/L	GE
0	Chloride	1,490	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	328	µg/L	GE
0	Manganese	8.9	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	14,700	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	8,560	µg/L	GE
0	Sulfate	8,720	µg/L	GE
0	Total dissolved solids	105,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
0	Nonvolatile beta	1.5E-08 ± 1.1E-08	µCi/ml	GE
0	Total radium	1.4E-09 ± 2.0E-09	µCi/ml	GE
0	Tritium	9.2E-06 ± 5.0E-07	µCi/ml	GE

WELL YSC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 — Time: 13:35
Depth to water: 120.82 ft (36.83 m) below TOC — pH: 11.3
Water elevation: 102.88 ft (49.05 m) msl — Alkalinity: 145 mg/L
Sp. conductance: 485 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 128 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	350	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	158	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	41,200	µg/L	GE

WELL YSC 2A collected on 06/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chloride	1,440	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	341	µg/L	GE
0	Manganese	8.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	14,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,080	µg/L	GE
0	Sulfate	8,030	µg/L	GE
0	Total dissolved solids	167,000	µg/L	GE
0	Total dissolved solids	169,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.7E-08 ± 1.1E-08	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	3.2E-08 ± 3.0E-07	µCi/mL	GE

WELL YSC 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/91 Time: 14:50
Inaccessibility or pump failure prevented sample collection.

WELL YSC 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91 Time: 14:55
Depth to water: 82.65 ft (19.10 m) below TOC pH: 5.8
Water elevation: 220.95 ft (69.18 m) msl Alkalinity: 6 mg/L
Sp. conductance: 37 µS/cm Water temperature: 23.2°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,880	µg/L	GE
0	Chloride	1,720	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	829	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,520	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	511	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,140	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.5E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE

WELL YSC 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/91 Time: 14:40
Depth to water: 85.95 ft (26.25 m) below TOC pH: 8.4
Water elevation: 178.95 ft (54.54 m) msl Alkalinity: 104 mg/L
Sp. conductance: 233 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 185 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.3	pH	GE
0	Specific conductance	195	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	68	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	42,800	µg/L	GE
0	Chloride	2,810	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	838	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	6,780	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	27,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,500	µg/L	GE
0	Sulfate	10,800	µg/L	GE
0	Total dissolved solids	155,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.0E-08 ± 4.0E-07	µCi/mL	GE

WELL Z 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 13:40
Depth to water: 37.00 ft (11.28 m) below TOC pH: 8.2
Water elevation: 220.30 ft (67.15 m) msl
Sp. conductance: 54 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

WELL Z 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 9:20
Depth to water: 48.00 ft (14.63 m) below TOC pH: 8.4
Water elevation: 213.00 ft (64.92 m) msl
Sp. conductance: 85 µS/cm Water temperature: 22.4°C
No water was evacuated before sampling.

WELL Z 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 9:00
Depth to water: 61.50 ft (18.75 m) below TOC pH: 8.3
Water elevation: 218.50 ft (66.60 m) msl
Sp. conductance: 110 µS/cm Water temperature: 24.8°C
No water was evacuated before sampling.

WELL Z 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/91 Time: 10:15
Depth to water: 64.24 ft (19.58 m) below TOC pH: 4.4
Water elevation: 215.26 ft (65.61 m) msl Alkalinity: 1 mg/L
Sp. conductance: 40 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 19 gal

ANALYTICAL RESULTS

WELL Z 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 10:30
Depth to water: 84.50 ft (19.68 m) below TOC — pH: 5.6
Water elevation: 215.00 ft (65.53 m) msl
Sp. conductance: 38 µS/cm — Water temperature: 22.2°C
No water was evacuated before sampling

WELL Z 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 14:45
The well was dry.

WELL Z 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 14:30
Depth to water: 35.00 ft (10.67 m) below TOC — pH: 7.1
Water elevation: 288.10 ft (81.72 m) msl
Sp. conductance: 84 µS/cm — Water temperature: 23.0°C
No water was evacuated before sampling

WELL Z 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 14:15
The well was dry

WELL Z 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 9:45
Depth to water: 9.80 ft (2.99 m) below TOC — pH: 8.4
Water elevation: 189.00 ft (51.51 m) msl
Sp. conductance: 115 µS/cm — Water temperature: 22.6°C
No water was evacuated before sampling

WELL Z 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 10:00
Depth to water: 16.50 ft (5.03 m) below TOC — pH: 7.4
Water elevation: 185.60 ft (56.57 m) msl
Sp. conductance: 50 µS/cm — Water temperature: 23.5°C
No water was evacuated before sampling

WELL Z 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 10:15
Depth to water: 73.80 ft (22.49 m) below TOC — pH: 5.6
Water elevation: 186.20 ft (57.36 m) msl
Sp. conductance: 25 µS/cm — Water temperature: 21.7°C
No water was evacuated before sampling

WELL Z 20B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 10:00
Depth to water: 52.60 ft (16.03 m) below TOC — pH: 5.7
Water elevation: 191.00 ft (58.22 m) msl
Sp. conductance: 28 µS/cm — Water temperature: 21.1°C
No water was evacuated before sampling

WELL ZBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/91 — Time: 12:40
Depth to water: 56.65 ft (17.27 m) below TOC — pH: 3.7
Water elevation: 234.45 ft (71.48 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony	2.2	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
1	Lead	9.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,200	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 8.0E-07	µCi/mL	GE

WELL ZBG 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/06/91 — Time: 12:20
Depth to water: 14.84 ft (4.52 m) below TOC
Water elevation: 276.16 ft (84.17 m) msl
Water evacuated before sampling: 1 gal
The well pumped dry before all field parameters were collected

WELL ZBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/91 — Time: 13:40
Depth to water: 55.73 ft (16.99 m) below TOC — pH: 5.0
Water elevation: 222.27 ft (67.75 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL ZBG 2 collected on 06/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	760	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.5E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE

WELL ZDT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91 — Time: 11:15
Depth to water: 25.08 ft (7.64 m) below TOC — pH: 5.8
Water elevation: 240.02 ft (73.16 m) msl — Alkalinity: 21 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 34 gal

WELL ZDT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/29/91 — Time: 11:40
Depth to water: 23.41 ft (7.14 m) below TOC — pH: 5.5
Water elevation: 241.59 ft (73.64 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 43 gal

WELL ZW 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 — Time: 10:00
Depth to water: 134.50 ft (41.00 m) below TOC — pH: 6.1
Water elevation: 142.20 ft (43.34 m) msl
Sp. conductance: 77 µS/cm — Water temperature: 20.2°C
No water was evacuated before sampling.

WELL ZW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 13:00
Depth to water: 81.00 ft (24.69 m) below TOC — pH: 5.6
Water elevation: 208.00 ft (63.40 m) msl
Sp. conductance: 149 µS/cm — Water temperature: 23.2°C
No water was evacuated before sampling.

WELL ZW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 13:15
Depth to water: 56.90 ft (17.34 m) below TOC — pH: 5.9
Water elevation: 202.50 ft (61.72 m) msl
Sp. conductance: 33 µS/cm — Water temperature: 23.7°C
No water was evacuated before sampling.

WELL ZW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 13:30
Depth to water: 42.70 ft (13.02 m) below TOC — pH: 5.9
Water elevation: 232.10 ft (70.74 m) msl
Sp. conductance: 148 µS/cm — Water temperature: 22.4°C
No water was evacuated before sampling.

WELL ZW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 13:40
Depth to water: 50.30 ft (15.33 m) below TOC — pH: 6.1
Water elevation: 227.50 ft (69.34 m) msl
Sp. conductance: 124 µS/cm — Water temperature: 24.1°C
No water was evacuated before sampling.

WELL ZW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 13:50
Depth to water: 51.20 ft (15.61 m) below TOC — pH: 5.8
Water elevation: 216.90 ft (66.11 m) msl
Sp. conductance: 109 µS/cm — Water temperature: 23.8°C
No water was evacuated before sampling.

WELL ZW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 14:05
Depth to water: 5.50 ft (1.68 m) below TOC — pH: 6.9
Water elevation: 266.90 ft (81.35 m) msl
Sp. conductance: 31 µS/cm — Water temperature: 23.4°C
No water was evacuated before sampling.

WELL ZW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/07/91 — Time: 9:25
Inaccessibility or pump failure prevented sample collection.

WELL ZW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 — Time: 10:30
Depth to water: 2.50 ft (0.76 m) below TOC — pH: 6.8
Water elevation: 270.90 ft (82.57 m) msl
Sp. conductance: 125 µS/cm — Water temperature: 22.7°C
No water was evacuated before sampling.

WELL ZW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91 — Time: 14:15
Depth to water: 35.50 ft (10.82 m) below TOC — pH: 6.8
Water elevation: 253.20 ft (77.18 m) msl
Sp. conductance: 55 µS/cm — Water temperature: 22.7°C
No water was evacuated before sampling.

ANALYTICAL RESULTS

WELL ZW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/12/91
Depth to water: 50.00 ft (15.24 m) below TOC
Water elevation: 250.40 ft (76.32 m) msl
Sp. conductance: 88 µS/cm
No water was evacuated before sampling.

Time: 14:15
pH: 5.9
Water temperature: 25.2°C

WELL 905118G

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 601 gal

Time: 12:25
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Turbidity	49	NTU	GE
0	Lead	<3.0	µg/L	GE

WELL 905118G

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 141 µS/cm
Water evacuated before sampling: 2317 gal

Time: 13:40
pH: 6.0
Alkalinity: 10 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Turbidity	77	NTU	GE
1	Lead	11	µg/L	GE

9. WATER-LEVEL DATA

During second quarter 1991, water-level measurements were obtained for a continuing project in the A/M Areas. Site custodians use these data, obtained by special request and as concurrently as possible, in hydrogeologic interpretation. Some wells not routinely monitored for the EPD/EMS groundwater monitoring program are included in these data, as well as some wells outside the A/M Areas. Only water levels were measured for this project; no field tests of water characteristics were done. Ge-Hy Environmental Sampling of New Ellenton, SC, collected these data.

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:32
Depth to water: 140.55 ft (42.84 m) below TOC
Water elevation: 219.35 ft (66.86 m) msl

WELL ABP 1DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:36
Depth to water: 140.13 ft (42.71 m) below TOC
Water elevation: 219.97 ft (67.05 m) msl

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:49
Depth to water: 156.11 ft (47.58 m) below TOC
Water elevation: 215.79 ft (65.77 m) msl

WELL ABP 2DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:44
Depth to water: 155.04 ft (47.26 m) below TOC
Water elevation: 215.56 ft (65.70 m) msl

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:35
Depth to water: 135.15 ft (41.19 m) below TOC
Water elevation: 218.55 ft (66.61 m) msl

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:38
Depth to water: 160.74 ft (48.99 m) below TOC
Water elevation: 193.76 ft (59.06 m) msl

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:44
Depth to water: 147.58 ft (44.96 m) below TOC
Water elevation: 215.72 ft (65.75 m) msl

WELL ABP 4DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:41
Depth to water: 147.47 ft (44.95 m) below TOC
Water elevation: 217.53 ft (66.30 m) msl

WELL ABP 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:55
Depth to water: 148.20 ft (45.17 m) below TOC
Water elevation: 217.10 ft (66.17 m) msl

WELL ABP 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:48
Depth to water: 148.69 ft (44.71 m) below TOC
Water elevation: 217.51 ft (66.30 m) msl

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:58
Depth to water: 178.00 ft (54.26 m) below TOC
Water elevation: 194.10 ft (59.16 m) msl

WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:55
Depth to water: 155.61 ft (47.43 m) below TOC
Water elevation: 215.29 ft (65.62 m) msl

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:05
Depth to water: 100.67 ft (30.68 m) below TOC
Water elevation: 224.13 ft (68.32 m) msl

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:37
Depth to water: 49.64 ft (15.13 m) below TOC
Water elevation: 212.46 ft (64.76 m) msl

WATER-LEVEL DATA

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:38
No water in standpipe.

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:17
Depth to water: 125.56 ft (38.27 m) below TOC
Water elevation: 218.14 ft (66.79 m) msl

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:17
Depth to water: 120.21 ft (36.64 m) below TOC
Water elevation: 224.59 ft (68.46 m) msl

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:28
Depth to water: 95.64 ft (29.15 m) below TOC
Water elevation: 206.66 ft (62.99 m) msl

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:29
Depth to water: 93.83 ft (28.60 m) below TOC
Water elevation: 208.67 ft (63.60 m) msl

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:19
Depth to water: 122.64 ft (37.38 m) below TOC
Water elevation: 236.96 ft (72.23 m) msl

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:23
Depth to water: 110.82 ft (33.78 m) below TOC
Water elevation: 238.98 ft (72.84 m) msl

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:26
Depth to water: 110.70 ft (33.74 m) below TOC
Water elevation: 237.60 ft (72.42 m) msl

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:20
Depth to water: 121.46 ft (37.02 m) below TOC
Water elevation: 237.78 ft (72.48 m) msl

WELL AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:52
Depth to water: 148.74 ft (45.34 m) below TOC
Water elevation: 231.56 ft (70.61 m) msl

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:50
Depth to water: 147.93 ft (45.09 m) below TOC
Water elevation: 231.67 ft (70.61 m) msl

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:48
Depth to water: 145.38 ft (44.31 m) below TOC
Water elevation: 231.82 ft (70.66 m) msl

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:56
Depth to water: 138.99 ft (42.36 m) below TOC
Water elevation: 230.91 ft (70.38 m) msl

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:51
Depth to water: 139.10 ft (42.40 m) below TOC
Water elevation: 230.50 ft (70.26 m) msl

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:45
Depth to water: 136.88 ft (41.72 m) below TOC
Water elevation: 231.02 ft (70.42 m) msl

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:42
Depth to water: 131.57 ft (40.10 m) below TOC
Water elevation: 233.93 ft (71.30 m) msl

WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:44
Depth to water: 7.71 ft (2.35 m) below TOC
Water elevation: 357.69 ft (109.03 m) msl

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 12:03
Depth to water: 130.28 ft (39.71 m) below TOC
Water elevation: 233.72 ft (71.24 m) msl

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:58
Depth to water: 136.68 ft (41.66 m) below TOC
Water elevation: 233.12 ft (71.06 m) msl

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:44
Depth to water: 106.33 ft (32.41 m) below TOC
Water elevation: 234.77 ft (71.56 m) msl

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:42
Depth to water: 108.76 ft (33.15 m) below TOC
Water elevation: 236.64 ft (72.13 m) msl

WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:35
Depth to water: 114.52 ft (34.91 m) below TOC
Water elevation: 238.58 ft (72.72 m) msl

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:28
No water in standpipe.

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:25
Depth to water: 122.32 ft (37.28 m) below TOC
Water elevation: 214.98 ft (65.53 m) msl

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:27
Depth to water: 123.95 ft (37.78 m) below TOC
Water elevation: 215.85 ft (65.79 m) msl

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:22
No water in standpipe.

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:56
No water in standpipe.

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:17
Depth to water: 112.13 ft (34.18 m) below TOC
Water elevation: 236.87 ft (72.20 m) msl

WELL ASB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:19
Depth to water: 127.30 ft (38.80 m) below TOC
Water elevation: 222.10 ft (67.70 m) msl

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:10
Depth to water: 107.05 ft (32.63 m) below TOC
Water elevation: 237.95 ft (72.53 m) msl

WELL ASB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:09
Depth to water: 124.38 ft (37.91 m) below TOC
Water elevation: 221.62 ft (67.55 m) msl

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:07
Inaccessibility or pump failure prevented sample collection.

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:03
Depth to water: 109.16 ft (33.27 m) below TOC
Water elevation: 235.84 ft (71.88 m) msl

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:00
Depth to water: 115.18 ft (35.10 m) below TOC
Water elevation: 235.04 ft (71.64 m) msl

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:58
Depth to water: 137.23 ft (41.83 m) below TOC
Water elevation: 216.97 ft (66.13 m) msl

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:56
Depth to water: 130.73 ft (39.85 m) below TOC
Water elevation: 222.87 ft (67.93 m) msl

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:54
Depth to water: 140.60 ft (42.86 m) below TOC
Water elevation: 212.30 ft (64.71 m) msl

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:52
Depth to water: 119.76 ft (36.50 m) below TOC
Water elevation: 233.64 ft (71.21 m) msl

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:34
Depth to water: 117.99 ft (35.96 m) below TOC
Water elevation: 231.01 ft (70.41 m) msl

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:30
Depth to water: 132.94 ft (40.52 m) below TOC
Water elevation: 216.36 ft (65.95 m) msl

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:25
Depth to water: 131.99 ft (40.23 m) below TOC
Water elevation: 217.61 ft (66.39 m) msl

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:21
Depth to water: 128.79 ft (39.26 m) below TOC
Water elevation: 220.91 ft (67.33 m) msl

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:31
Depth to water: 135.50 ft (41.30 m) below TOC
Water elevation: 214.10 ft (65.26 m) msl

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 15:44
Depth to water: 68.04 ft (20.74 m) below TOC
Water elevation: 240.96 ft (73.45 m) msl

WATER-LEVEL DATA

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 13 42
Depth to water 90.02 ft (27.44 m) below TOC
Water elevation 218.98 ft (66.75 m) msl

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 13 42
Depth to water 90.59 ft (27.61 m) below TOC
Water elevation 219.31 ft (66.85 m) msl

WELL ASB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time 9 12
Depth to water 126.90 ft (38.68 m) below TOC
Water elevation 222.00 ft (67.67 m) msl

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 15 37
Depth to water 107.25 ft (32.69 m) below TOC
Water elevation 221.15 ft (67.41 m) msl

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 15 51
Depth to water 130.06 ft (39.64 m) below TOC
Water elevation 220.34 ft (67.16 m) msl

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 15 46
Depth to water 120.04 ft (36.59 m) below TOC
Water elevation 219.56 ft (66.92 m) msl

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 15 49
Depth to water 146.44 ft (44.64 m) below TOC
Water elevation 192.56 ft (58.72 m) msl

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 15 39
Depth to water 116.38 ft (35.47 m) below TOC
Water elevation 215.72 ft (65.75 m) msl

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 15 42
Depth to water 139.54 ft (42.53 m) below TOC
Water elevation 192.56 ft (58.69 m) msl

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 15 44
Depth to water 145.27 ft (44.28 m) below TOC
Water elevation 192.43 ft (58.65 m) msl

WELL MCB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 15 47
Depth to water 119.34 ft (36.38 m) below TOC
Water elevation 221.36 ft (67.47 m) msl

WELL MCB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 15 40
Depth to water 123.61 ft (37.68 m) below TOC
Water elevation 219.29 ft (66.84 m) msl

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 13 14
Depth to water 149.69 ft (45.63 m) below TOC
Water elevation 205.11 ft (62.52 m) msl

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 13 08
Depth to water 142.35 ft (43.39 m) below TOC
Water elevation 212.75 ft (64.85 m) msl

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 13 11
Depth to water 140.36 ft (42.78 m) below TOC
Water elevation 214.54 ft (65.39 m) msl

WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 12 17
Depth to water 127.40 ft (38.83 m) below TOC
Water elevation 227.50 ft (69.34 m) msl

WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 12 12
Depth to water 146.23 ft (44.57 m) below TOC
Water elevation 208.37 ft (63.51 m) msl

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 12 19
Depth to water 139.48 ft (42.51 m) below TOC
Water elevation 215.22 ft (65.60 m) msl

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 12 14
Depth to water 125.85 ft (38.36 m) below TOC
Water elevation 227.95 ft (69.48 m) msl

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 13 07
Depth to water 153.13 ft (46.67 m) below TOC
Water elevation 207.87 ft (63.36 m) msl

WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 13 01
Depth to water 144.34 ft (44.00 m) below TOC
Water elevation 216.40 ft (65.96 m) msl

WELL MSB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 13 11
Depth to water 131.23 ft (40.00 m) below TOC
Water elevation 229.27 ft (69.88 m) msl

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:32
Depth to water: 152.40 ft (46.45 m) below TOC
Water elevation: 202.90 ft (61.84 m) msl

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:29
Depth to water: 144.22 ft (43.96 m) below TOC
Water elevation: 210.68 ft (64.31 m) msl

WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:38
Depth to water: 129.26 ft (39.40 m) below TOC
Water elevation: 226.34 ft (68.99 m) msl

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:52
No water in standpipe

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:56
Depth to water: 139.44 ft (42.50 m) below TOC
Water elevation: 206.06 ft (62.81 m) msl

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:54
Depth to water: 124.66 ft (38.00 m) below TOC
Water elevation: 221.04 ft (67.37 m) msl

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:14
Depth to water: 119.51 ft (36.43 m) below TOC
Water elevation: 224.39 ft (68.39 m) msl

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:11
Depth to water: 139.72 ft (42.59 m) below TOC
Water elevation: 205.58 ft (62.66 m) msl

WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:08
Depth to water: 122.87 ft (37.45 m) below TOC
Water elevation: 221.33 ft (67.46 m) msl

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:19
Depth to water: 126.33 ft (38.50 m) below TOC
Water elevation: 224.17 ft (68.33 m) msl

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:24
Depth to water: 140.91 ft (42.77 m) below TOC
Water elevation: 209.85 ft (63.95 m) msl

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:27
Depth to water: 125.91 ft (38.38 m) below TOC
Water elevation: 218.69 ft (66.66 m) msl

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:08
No water in standpipe

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:07
Depth to water: 138.70 ft (42.28 m) below TOC
Water elevation: 205.20 ft (62.55 m) msl

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:02
Depth to water: 126.56 ft (38.58 m) below TOC
Water elevation: 217.44 ft (66.28 m) msl

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:26
Depth to water: 152.01 ft (46.33 m) below TOC
Water elevation: 207.39 ft (63.21 m) msl

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:24
Depth to water: 131.32 ft (40.03 m) below TOC
Water elevation: 228.28 ft (69.56 m) msl

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:29
Depth to water: 131.56 ft (40.10 m) below TOC
Water elevation: 227.54 ft (69.36 m) msl

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:09
Depth to water: 149.32 ft (45.51 m) below TOC
Water elevation: 205.68 ft (62.69 m) msl

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:29
Depth to water: 148.20 ft (45.17 m) below TOC
Water elevation: 206.50 ft (62.94 m) msl

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:11
Depth to water: 126.05 ft (38.42 m) below TOC
Water elevation: 229.95 ft (70.09 m) msl

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:41
Depth to water: 156.84 ft (47.81 m) below TOC
Water elevation: 256.66 ft (78.23 m) msl

WATER-LEVEL DATA

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:45
Depth to water: 151.85 ft (46.31 m) below TOC
Water elevation: 212.85 ft (64.88 m) msl

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:49
Depth to water: 149.86 ft (45.68 m) below TOC
Water elevation: 215.04 ft (65.54 m) msl

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:52
Depth to water: 139.09 ft (42.40 m) below TOC
Water elevation: 226.11 ft (68.92 m) msl

WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:53
The well was dry.

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:38
Depth to water: 138.46 ft (42.20 m) below TOC
Water elevation: 226.34 ft (68.99 m) msl

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:00
Depth to water: 142.86 ft (43.54 m) below TOC
Water elevation: 204.94 ft (62.47 m) msl

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:56
Depth to water: 135.17 ft (41.20 m) below TOC
Water elevation: 213.23 ft (64.99 m) msl

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:02
Depth to water: 128.31 ft (39.11 m) below TOC
Water elevation: 219.59 ft (66.93 m) msl

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:04
No water in standpipe

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:03
Depth to water: 156.73 ft (47.77 m) below TOC
Water elevation: 191.77 ft (58.45 m) msl

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:00
Depth to water: 158.55 ft (48.33 m) below TOC
Water elevation: 190.35 ft (58.02 m) msl

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:47
Depth to water: 141.55 ft (43.14 m) below TOC
Water elevation: 203.65 ft (62.07 m) msl

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:45
Depth to water: 153.44 ft (46.77 m) below TOC
Water elevation: 192.18 ft (58.57 m) msl

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:49
Depth to water: 124.73 ft (38.02 m) below TOC
Water elevation: 222.17 ft (67.72 m) msl

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:39
Depth to water: 121.82 ft (37.13 m) below TOC
Water elevation: 225.88 ft (68.85 m) msl

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:47
Depth to water: 136.58 ft (41.63 m) below TOC
Water elevation: 211.72 ft (64.53 m) msl

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:44
Depth to water: 134.70 ft (41.06 m) below TOC
Water elevation: 214.00 ft (65.23 m) msl

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:48
No water in standpipe

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:53
Depth to water: 150.10 ft (45.75 m) below TOC
Water elevation: 217.10 ft (66.17 m) msl

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:51
Depth to water: 157.78 ft (48.09 m) below TOC
Water elevation: 211.72 ft (64.53 m) msl

WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:56
Depth to water: 122.20 ft (37.25 m) below TOC
Water elevation: 244.40 ft (74.49 m) msl

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:54
Depth to water: 138.97 ft (42.36 m) below TOC
Water elevation: 229.83 ft (70.05 m) msl

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:43
Depth to water: 150.29 ft (45.81 m) below TOC
Water elevation: 210.41 ft (65.98 m) msl

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:45
Depth to water: 139.01 ft (42.37 m) below TOC
Water elevation: 227.58 ft (69.37 m) msl

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:48
Depth to water: 145.39 ft (44.32 m) below TOC
Water elevation: 212.81 ft (64.80 m) msl

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:48
Depth to water: 137.28 ft (41.84 m) below TOC
Water elevation: 220.62 ft (67.25 m) msl

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:45
Depth to water: 150.20 ft (45.78 m) below TOC
Water elevation: 209.10 ft (63.73 m) msl

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:49
The well was dry

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:50
Depth to water: 135.71 ft (41.36 m) below TOC
Water elevation: 224.49 ft (68.43 m) msl

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:20
Depth to water: 132.35 ft (40.34 m) below TOC
Water elevation: 207.85 ft (63.35 m) msl

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:22
Depth to water: 123.35 ft (37.60 m) below TOC
Water elevation: 216.95 ft (66.13 m) msl

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:20
Depth to water: 114.20 ft (34.81 m) below TOC
Water elevation: 226.40 ft (69.01 m) msl

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:36
Depth to water: 87.25 ft (26.59 m) below TOC
Water elevation: 212.24 ft (64.69 m) msl

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:34
Depth to water: 84.99 ft (25.91 m) below TOC
Water elevation: 214.91 ft (65.51 m) msl

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:32
Depth to water: 82.18 ft (18.05 m) below TOC
Water elevation: 238.02 ft (72.55 m) msl

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:57
Depth to water: 138.94 ft (42.35 m) below TOC
Water elevation: 215.06 ft (65.56 m) msl

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:58
No water in standpipe

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:07
Depth to water: 137.20 ft (41.84 m) below TOC
Water elevation: 218.14 ft (66.88 m) msl

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:04
Depth to water: 136.93 ft (41.74 m) below TOC
Water elevation: 218.37 ft (66.58 m) msl

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:06
Depth to water: 127.82 ft (38.98 m) below TOC
Water elevation: 225.58 ft (68.76 m) msl

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:04
Depth to water: 162.19 ft (49.44 m) below TOC
Water elevation: 102.51 ft (58.68 m) msl

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:12
No water in standpipe

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:41
No water in standpipe

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:43
Depth to water: 151.49 ft (46.17 m) below TOC
Water elevation: 220.11 ft (67.09 m) msl

WATER-LEVEL DATA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:48
Depth to water: 174.09 ft (53.06 m) below TOC
Water elevation: 198.81 ft (60.60 m) msl

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:57
Depth to water: 145.53 ft (44.36 m) below TOC
Water elevation: 234.67 ft (71.53 m) msl

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:59
Depth to water: 158.83 ft (48.41 m) below TOC
Water elevation: 222.77 ft (67.90 m) msl

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:04
No water in standpipe

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:06
Depth to water: 152.94 ft (46.62 m) below TOC
Water elevation: 213.46 ft (65.06 m) msl

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 12:03
No water in standpipe

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 12:02
Depth to water: 139.83 ft (42.62 m) below TOC
Water elevation: 221.07 ft (67.38 m) msl

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 12:05
Depth to water: 147.39 ft (44.93 m) below TOC
Water elevation: 215.61 ft (65.78 m) msl

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:27
Depth to water: 139.24 ft (42.44 m) below TOC
Water elevation: 236.26 ft (72.01 m) msl

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:25
Depth to water: 148.34 ft (45.21 m) below TOC
Water elevation: 226.86 ft (69.15 m) msl

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:29
Depth to water: 154.50 ft (46.93 m) below TOC
Water elevation: 222.80 ft (67.91 m) msl

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:23
Depth to water: 177.93 ft (54.23 m) below TOC
Water elevation: 198.67 ft (60.56 m) msl

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:40
Depth to water: 120.25 ft (36.48 m) below TOC
Water elevation: 228.15 ft (69.54 m) msl

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:30
Depth to water: 133.21 ft (40.60 m) below TOC
Water elevation: 220.99 ft (67.36 m) msl

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:31
Depth to water: 146.41 ft (44.63 m) below TOC
Water elevation: 218.99 ft (66.75 m) msl

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:39
Depth to water: 143.25 ft (43.66 m) below TOC
Water elevation: 221.95 ft (67.65 m) msl

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:34
Depth to water: 135.92 ft (41.43 m) below TOC
Water elevation: 229.28 ft (69.88 m) msl

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:28
Depth to water: 135.32 ft (41.25 m) below TOC
Water elevation: 229.78 ft (70.04 m) msl

WELL MSB 29DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:34
Depth to water: 133.11 ft (40.57 m) below TOC
Water elevation: 231.49 ft (70.56 m) msl

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:29
Depth to water: 154.65 ft (46.66 m) below TOC
Water elevation: 211.15 ft (64.36 m) msl

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:28
Depth to water: 157.05 ft (47.87 m) below TOC
Water elevation: 197.55 ft (60.21 m) msl

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:20
Depth to water: 131.20 ft (39.97 m) below TOC
Water elevation: 230.81 ft (70.35 m) msl

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:37
Depth to water: 130.90 ft (39.90 m) below TOC
Water elevation: 222.20 ft (67.73 m) msl

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:31
Depth to water: 125.60 ft (38.28 m) below TOC
Water elevation: 229.30 ft (69.89 m) msl

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:33
Depth to water: 130.44 ft (39.76 m) below TOC
Water elevation: 223.26 ft (68.06 m) msl

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:38
Depth to water: 150.65 ft (45.92 m) below TOC
Water elevation: 196.55 ft (59.91 m) msl

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:40
Depth to water: 138.28 ft (42.15 m) below TOC
Water elevation: 209.22 ft (63.77 m) msl

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:40
Depth to water: 114.35 ft (34.85 m) below TOC
Water elevation: 232.95 ft (71.00 m) msl

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:38
Depth to water: 138.61 ft (42.25 m) below TOC
Water elevation: 210.18 ft (64.07 m) msl

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:35
Depth to water: 30.26 ft (9.22 m) below TOC
Water elevation: 225.04 ft (68.59 m) msl

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:18
Depth to water: 37.39 ft (11.40 m) below TOC
Water elevation: 219.21 ft (66.82 m) msl

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:20
Depth to water: 51.44 ft (15.68 m) below TOC
Water elevation: 203.96 ft (62.17 m) msl

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:21
Depth to water: 47.73 ft (14.55 m) below TOC
Water elevation: 207.47 ft (63.24 m) msl

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:22
Depth to water: 44.80 ft (13.67 m) below TOC
Water elevation: 210.44 ft (64.14 m) msl

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:19
Depth to water: 61.53 ft (18.75 m) below TOC
Water elevation: 193.97 ft (59.12 m) msl

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:42
Depth to water: 166.50 ft (50.75 m) below TOC
Water elevation: 210.70 ft (80.05 m) msl

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:45
Depth to water: 159.00 ft (48.48 m) below TOC
Water elevation: 224.10 ft (68.31 m) msl

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:42
No water in standpipe.

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:45
Depth to water: 182.67 ft (55.77 m) below TOC
Water elevation: 199.53 ft (60.82 m) msl

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:48
Depth to water: 181.10 ft (55.20 m) below TOC
Water elevation: 201.70 ft (61.48 m) msl

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:05
Depth to water: 136.78 ft (41.69 m) below TOC
Water elevation: 214.32 ft (65.33 m) msl

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:13
Depth to water: 133.52 ft (40.70 m) below TOC
Water elevation: 210.28 ft (69.53 m) msl

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:15
No water in standpipe

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 11:14
Depth to water: 152.32 ft (46.43 m) below TOC
Water elevation: 198.08 ft (60.38 m) msl

WATER-LEVEL DATA

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 10:31
Depth to water 123.63 ft (37.68 m) below TOC
Water elevation 210.97 ft (66.13 m) msl

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 10:33
Depth to water 127.93 ft (38.99 m) below TOC
Water elevation 212.77 ft (64.85 m) msl

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 10:31
Depth to water 127.96 ft (39.00 m) below TOC
Water elevation 212.84 ft (64.87 m) msl

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 10:29
No water in standpipe

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 10:29
Depth to water 147.64 ft (45.00 m) below TOC
Water elevation 192.98 ft (58.81 m) msl

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 14:25
Depth to water 177.65 ft (54.15 m) below TOC
Water elevation 205.45 ft (62.62 m) msl

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 14:28
Depth to water 164.41 ft (50.11 m) below TOC
Water elevation 218.39 ft (66.57 m) msl

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 14:31
Depth to water 156.23 ft (47.62 m) below TOC
Water elevation 226.87 ft (69.15 m) msl

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 14:29
Depth to water 154.19 ft (47.00 m) below TOC
Water elevation 228.61 ft (69.68 m) msl

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 14:25
Depth to water 175.70 ft (53.55 m) below TOC
Water elevation 206.70 ft (63.00 m) msl

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 13:57
Depth to water 145.56 ft (44.37 m) below TOC
Water elevation 211.04 ft (64.33 m) msl

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 14:01
Depth to water 144.41 ft (44.02 m) below TOC
Water elevation 211.86 ft (64.58 m) msl

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 13:58
No water in standpipe

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 13:57
Depth to water 162.82 ft (49.63 m) below TOC
Water elevation 193.80 ft (59.10 m) msl

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 9:46
Depth to water 135.76 ft (41.38 m) below TOC
Water elevation 205.84 ft (62.74 m) msl

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 9:47
Depth to water 131.98 ft (40.22 m) below TOC
Water elevation 209.64 ft (63.90 m) msl

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 9:45
Depth to water 128.00 ft (39.01 m) below TOC
Water elevation 213.50 ft (65.08 m) msl

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 9:43
Depth to water 111.38 ft (33.95 m) below TOC
Water elevation 230.32 ft (70.20 m) msl

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 9:41
Depth to water 150.94 ft (46.01 m) below TOC
Water elevation 190.86 ft (58.17 m) msl

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 9:52
Depth to water 120.57 ft (36.75 m) below TOC
Water elevation 200.63 ft (61.15 m) msl

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 9:55
Depth to water 119.48 ft (36.42 m) below TOC
Water elevation 202.72 ft (61.64 m) msl

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 9:55
No water in standpipe

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:54
No water in standpipe.

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 1:52
Depth to water: 131.99 ft (40.23 m) below TOC
Water elevation: 188.01 ft (57.55 m) msl

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 13:34
Depth to water: 108.05 ft (32.93 m) below TOC
Water elevation: 215.79 ft (65.78 m) msl

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 13:37
Depth to water: 108.04 ft (32.93 m) below TOC
Water elevation: 215.98 ft (65.83 m) msl

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 13:28
Depth to water: 109.09 ft (33.25 m) below TOC
Water elevation: 215.51 ft (65.69 m) msl

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: Not available
No water in standpipe

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 13:28
Depth to water: 118.42 ft (36.09 m) below TOC
Water elevation: 205.28 ft (62.57 m) msl

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:19
Depth to water: 159.87 ft (48.73 m) below TOC
Water elevation: 216.73 ft (66.06 m) msl

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:17
Depth to water: 153.49 ft (46.78 m) below TOC
Water elevation: 223.01 ft (67.97 m) msl

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:16
Depth to water: 146.81 ft (44.75 m) below TOC
Water elevation: 229.69 ft (70.01 m) msl

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:20
The well was dry

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:20
Depth to water: 171.40 ft (52.24 m) below TOC
Water elevation: 205.30 ft (62.58 m) msl

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:40
Depth to water: 129.40 ft (39.44 m) below TOC
Water elevation: 220.56 ft (99.65 m) msl

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:42
Depth to water: 131.19 ft (39.98 m) below TOC
Water elevation: 220.81 ft (69.13 m) msl

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:42
Depth to water: 127.57 ft (38.88 m) below TOC
Water elevation: 229.93 ft (70.08 m) msl

WELL MSB 43DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:39
Depth to water: 128.75 ft (39.24 m) below TOC
Water elevation: 229.35 ft (69.91 m) msl

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:45
Depth to water: 157.24 ft (47.93 m) below TOC
Water elevation: 200.36 ft (61.07 m) msl

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:09
Depth to water: 160.16 ft (48.82 m) below TOC
Water elevation: 219.74 ft (66.98 m) msl

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:09
Depth to water: 155.42 ft (47.37 m) below TOC
Water elevation: 221.68 ft (67.57 m) msl

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:12
Depth to water: 143.31 ft (43.68 m) below TOC
Water elevation: 234.59 ft (71.50 m) msl

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:37
Depth to water: 165.77 ft (50.53 m) below TOC
Water elevation: 215.33 ft (65.63 m) msl

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 14:37
Depth to water: 159.46 ft (48.31 m) below TOC
Water elevation: 222.62 ft (67.86 m) msl

WATER-LEVEL DATA

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 14:38
The well was dry.

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 14:05
Depth to water 160.06 ft (48.79 m) below TOC
Water elevation 212.84 ft (64.81 m) msl

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 14:59
No water in standpipe

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 14:07
The well was dry

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time 8:51
Depth to water 143.93 ft (43.87 m) below TOC
Water elevation 225.07 ft (68.60 m) msl

WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time 8:43
Depth to water 151.63 ft (46.22 m) below TOC
Water elevation 217.47 ft (66.28 m) msl

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time 9:03
Depth to water 139.50 ft (42.52 m) below TOC
Water elevation 229.85 ft (70.04 m) msl

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time 8:55
Depth to water 138.68 ft (42.27 m) below TOC
Water elevation 230.52 ft (70.26 m) msl

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time 8:47
Depth to water 154.75 ft (47.17 m) below TOC
Water elevation 214.25 ft (65.30 m) msl

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time 9:49
Depth to water 141.65 ft (43.18 m) below TOC
Water elevation 220.55 ft (67.22 m) msl

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time 9:56
Depth to water 139.85 ft (42.63 m) below TOC
Water elevation 223.04 ft (67.98 m) msl

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time 9:42
Depth to water 140.98 ft (42.95 m) below TOC
Water elevation 222.32 ft (67.76 m) msl

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time [illegible]
No water in standpipe

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/19/91 Time 9:45
Depth to water 142.16 ft (43.33 m) below TOC
Water elevation 220.24 ft (67.13 m) msl

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 14:44
Depth to water 139.08 ft (42.39 m) below TOC
Water elevation 196.32 ft (59.84 m) msl

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 14:49
Depth to water 133.39 ft (40.66 m) below TOC
Water elevation 201.41 ft (61.37 m) msl

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/17/91 Time 14:38
Depth to water 107.59 ft (32.79 m) below TOC
Water elevation 226.61 ft (69.07 m) msl

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time [illegible]
Depth to water 21.78 ft (6.64 m) below TOC
Water elevation 202.21 ft (61.63 m) msl

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 8:33
Depth to water 21.13 ft (6.44 m) below TOC
Water elevation 202.37 ft (61.68 m) msl

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 8:43
Depth to water 59.27 ft (18.07 m) below TOC
Water elevation 204.23 ft (62.25 m) msl

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 8:41
Depth to water 51.77 ft (15.78 m) below TOC
Water elevation 212.73 ft (64.83 m) msl

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 06/18/91 Time 13:24
Depth to water 103.75 ft (31.62 m) below TOC
Water elevation 218.15 ft (66.49 m) msl

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 13:23
Depth to water: 82.87 ft (25.26 m) below TOC
Water elevation: 238.93 ft (72.83 m) msl

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 8:56
Depth to water: 124.74 ft (38.02 m) below TOC
Water elevation: 219.86 ft (67.01 m) msl

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 8:55
Depth to water: 123.52 ft (37.65 m) below TOC
Water elevation: 221.08 ft (67.66 m) msl

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 8:57
Depth to water: 112.61 ft (34.32 m) below TOC
Water elevation: 232.49 ft (70.86 m) msl

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:08
Depth to water: 153.88 ft (46.90 m) below TOC
Water elevation: 219.82 ft (67.00 m) msl

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:04
Depth to water: 149.17 ft (45.47 m) below TOC
Water elevation: 224.53 ft (68.44 m) msl

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:09
Depth to water: 141.69 ft (43.19 m) below TOC
Water elevation: 232.31 ft (70.81 m) msl

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:11
Depth to water: 156.46 ft (47.69 m) below TOC
Water elevation: 217.34 ft (66.25 m) msl

WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:31
Depth to water: 148.04 ft (45.12 m) below TOC
Water elevation: 220.86 ft (67.32 m) msl

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:26
Depth to water: 142.60 ft (43.47 m) below TOC
Water elevation: 226.90 ft (69.16 m) msl

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: Not available
No water in standpipe

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:31
Depth to water: 138.64 ft (42.26 m) below TOC
Water elevation: 230.16 ft (70.15 m) msl

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:36
Depth to water: 157.29 ft (47.94 m) below TOC
Water elevation: 211.51 ft (64.47 m) msl

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:53
Depth to water: 58.[illegible] ft (17.85 m) below TOC
Water elevation: 22[illegible].25 ft (67.44 m) msl

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:03
Depth to water: 127.82 ft (38.96 m) below TOC
Water elevation: 228.38 ft (69.61 m) msl

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:00
Depth to water: 128.68 ft (39.22 m) below TOC
Water elevation: 229.22 ft (69.87 m) msl

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:16
Depth to water: 131.43 ft (40.06 m) below TOC
Water elevation: 227.87 ft (69.46 m) msl

WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:22
Depth to water: 127.49 ft (38.86 m) below TOC
Water elevation: 227.01 ft (69.19 m) msl

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:02
Depth to water: 95.38 ft (29.07 m) below TOC
Water elevation: 222.22 ft (67.73 m) msl

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:03
Depth to water: 93.86 ft (28.61 m) below TOC
Water elevation: 224.24 ft (68.35 m) msl

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:30
Depth to water: 143.03 ft (43.60 m) below TOC
Water elevation: 206.07 ft (62.81 m) msl

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:32
Depth to water: 126.33 ft (38.12 m) below TOC
Water elevation: 220.77 ft (67.29 m) msl

WATER-LEVEL DATA

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:34
Depth to water: 122.64 ft (37.38 m) below TOC
Water elevation: 226.88 ft (69.15 m) msl

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:48
Depth to water: 141.41 ft (43.10 m) below TOC
Water elevation: 205.59 ft (62.66 m) msl

WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:50
Depth to water: 129.96 ft (39.61 m) below TOC
Water elevation: 217.14 ft (66.19 m) msl

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 13:53
Depth to water: 120.61 ft (36.76 m) below TOC
Water elevation: 226.19 ft (68.94 m) msl

WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:00
Depth to water: 142.81 ft (43.53 m) below TOC
Water elevation: 205.89 ft (62.76 m) msl

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:03
Depth to water: 128.31 ft (39.11 m) below TOC
Water elevation: 220.39 ft (67.18 m) msl

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 14:05
Depth to water: 124.01 ft (37.80 m) below TOC
Water elevation: 224.99 ft (68.58 m) msl

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 15:30
Depth to water: 117.05 ft (35.68 m) below TOC
Water elevation: 232.45 ft (70.85 m) msl

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:32
Depth to water: 165.86 ft (50.56 m) below TOC
Water elevation: 216.64 ft (66.03 m) msl

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:29
Depth to water: 157.56 ft (48.02 m) below TOC
Water elevation: 225.94 ft (68.87 m) msl

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:27
Depth to water: 155.12 ft (47.28 m) below TOC
Water elevation: 228.18 ft (69.55 m) msl

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:34
Depth to water: 179.41 ft (54.68 m) below TOC
Water elevation: 203.39 ft (6[illegible].99 m) msl

WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:30
Depth to water: 147.64 ft (45.00 m) below TOC
Water elevation: 217.46 ft (66.28 m) msl

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:32
Depth to water: 138.28 ft (42.15 m) below TOC
Water elevation: 226.52 ft (69.04 m) msl

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:28
Depth to water: 133.79 ft (40.78 m) below TOC
Water elevation: 231.21 ft (70.47 m) msl

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:39
Depth to water: 138.77 ft (42.30 m) below TOC
Water elevation: 218.13 ft (66.48 m) msl

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:44
Depth to water: 131.17 ft (39.98 m) below TOC
Water elevation: 225.53 ft (68.74 m) msl

WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 8:42
Depth to water: 124.97 ft (38.09 m) below TOC
Water elevation: 232.03 ft (70.72 m) msl

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 10:21
Depth to water: 161.65 ft (49.27 m) below TOC
Water elevation: 220.05 ft (67.07 m) msl

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 10:22
Depth to water: 155.96 ft (47.54 m) below TOC
Water elevation: 225.84 ft (68.84 m) msl

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: [illegible]
Depth to water: 151.58 ft (46.21 m) below TOC
Water elevation: 230.62 ft (70.28 m) msl

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: [illegible]
Depth to water: 167.26 ft (50.98 m) below TOC
Water elevation: 214.24 ft (65.30 m) msl

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:54
Depth to water: 147.25 ft (44.88 m) below TOC
Water elevation: 214.95 ft (65.52 m) msl

WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 10:55
Depth to water: 143.63 ft (43.78 m) below TOC
Water elevation: 218.87 ft (66.71 m) msl

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:54
Depth to water: 131.00 ft (39.93 m) below TOC
Water elevation: 214.10 ft (65.26 m) msl

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:00
Depth to water: 130.11 ft (39.66 m) below TOC
Water elevation: 198.09 ft (60.38 m) msl

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 13:19
Depth to water: 140.04 ft (42.68 m) below TOC
Water elevation: 200.36 ft (61.07 m) msl

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:12
Depth to water: 104.41 ft (31.82 m) below TOC
Water elevation: 210.09 ft (64.04 m) msl

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:13
Depth to water: 104.94 ft (31.99 m) below TOC
Water elevation: 210.06 ft (64.03 m) msl

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 10:12
Depth to water: 80.97 ft (24.68 m) below TOC
Water elevation: 234.13 ft (71.36 m) msl

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: [illegible]
Depth to water: 117.99 ft ([illegible] m) below TOC
Water elevation: [illegible] ft ([illegible] m) msl

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: [illegible]
Depth to water: 120.46 ft (36.72 m) below TOC
Water elevation: 207.04 ft (63.11 m) msl

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: [illegible]
Depth to water: 134.15 ft ([illegible] m) below TOC
Water elevation: 218.64 ft ([illegible] m) msl

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:15
Depth to water: 136.85 ft (41.71 m) below TOC
Water elevation: 220.85 ft (67.32 m) msl

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:13
Depth to water: 134.67 ft (41.05 m) below TOC
Water elevation: 223.03 ft (67.98 m) msl

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:11
Depth to water: 124.69 ft (38.01 m) below TOC
Water elevation: 233.11 ft (71.05 m) msl

WELL MSB 77TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:17
Depth to water: 136.71 ft (41.67 m) below TOC
Water elevation: 220.69 ft (67.27 m) msl

WELL MSB 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 11:38
Depth to water: 142.10 ft (43.31 m) below TOC
Water elevation: 221.50 ft (67.51 m) msl

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:37
Depth to water: 143.32 ft (43.68 m) below TOC
Water elevation: 204.68 ft (62.39 m) msl

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:37
Depth to water: 139.68 ft (42.57 m) below TOC
Water elevation: 208.12 ft (63.44 m) msl

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/18/91 Time: 9:22
Depth to water: 48.54 ft (14.80 m) below TOC
Water elevation: 218.96 ft (66.65 m) msl

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: [illegible]
Depth to water: 149.71 ft (45.63 m) below TOC
Water elevation: 224.79 ft ([illegible] m) msl

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:19
Depth to water: 156.32 ft (47.65 m) below TOC
Water elevation: 218.08 ft ([illegible] m) msl

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: [illegible]
Depth to water: 146.13 ft ([illegible] m) below TOC
Water elevation: 227.87 ft ([illegible] m) msl

WATER-LEVEL DATA

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:20
Depth to water: 141.97 ft (43.27 m) below TOC
Water elevation: 231.73 ft (70.63 m) msl

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 12:24
Depth to water: 161.90 ft (49.35 m) below TOC
Water elevation: 211.90 ft (64.59 m) msl

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:17
Depth to water: 151.27 ft (46.11 m) below TOC
Water elevation: 220.73 ft (67.28 m) msl

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:21
Depth to water: 146.24 ft (44.57 m) below TOC
Water elevation: 225.86 ft (68.84 m) msl

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:17
Depth to water: 141.03 ft (42.99 m) below TOC
Water elevation: 230.67 ft (70.31 m) msl

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:20
Depth to water: 157.29 ft (47.94 m) below TOC
Water elevation: 214.51 ft (65.38 m) msl

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 11:23
Depth to water: 133.18 ft (40.59 m) below TOC
Water elevation: 228.82 ft (69.75 m) msl

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 10:12
Depth to water: 161.32 ft (49.17 m) below TOC
Water elevation: 219.48 ft (66.90 m) msl

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 10:15
Depth to water: 158.45 ft (48.30 m) below TOC
Water elevation: 222.95 ft (67.96 m) msl

WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 10:12
Depth to water: 149.23 ft (45.49 m) below TOC
Water elevation: 232.17 ft (70.77 m) msl

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 10:14
Depth to water: [illegible]
Water elevation: [illegible]

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/19/91 Time: 9:40
Depth to water: 133.73 ft (40.76 m) below TOC
Water elevation: 223.67 ft (68.18 m) msl

WELL SLW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 12:45
Depth to water: 132.09 ft (40.26 m) below TOC
Water elevation: 172.01 ft (52.43 m) msl

WELL SLW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 13:32
Depth to water: 119.91 ft (36.55 m) below TOC
Water elevation: 184.69 ft (56.29 m) msl

WELL SLW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 13:27
Depth to water: 87.47 ft (26.66 m) below TOC
Water elevation: 191.23 ft (58.29 m) msl

WELL SLW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 12:50
Depth to water: 102.90 ft (31.36 m) below TOC
Water elevation: 197.80 ft (60.29 m) msl

WELL SLW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 13:06
Depth to water: 45.80 ft (13.96 m) below TOC
Water elevation: 196.20 ft (59.80 m) msl

WELL SLW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 13:01
Depth to water: 49.78 ft (15.17 m) below TOC
Water elevation: 201.72 ft (61.49 m) msl

WELL SLW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 13:14
Depth to water: 54.89 ft (16.73 m) below TOC
Water elevation: 176.21 ft (53.71 m) msl

WELL SLW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/14/91 Time: 13:20
Depth to water: 59.86 ft (18.25 m) below TOC
Water elevation: 197.64 ft (60.24 m) msl

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:45
The well was dry

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:41
Depth to water: 110.31 ft (33.62 m) below TOC
Water elevation: 210.29 ft (64.10 m) msl

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:45
Depth to water: 115.95 ft (35.34 m) below TOC
Water elevation: 204.65 ft (62.39 m) msl

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:43
Depth to water: 113.93 ft (34.73 m) below TOC
Water elevation: 206.67 ft (62.98 m) msl

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:39
Depth to water: 121.15 ft (36.93 m) below TOC
Water elevation: 210.95 ft (64.30 m) msl

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:44
No water in standpipe.

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:52
Depth to water: 100.51 ft (30.64 m) below TOC
Water elevation: 208.89 ft (63.67 m) msl

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:49
Depth to water: 98.14 ft (29.91 m) below TOC
Water elevation: 209.56 ft (63.87 m) msl

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:52
Depth to water: 89.97 ft (27.42 m) below TOC
Water elevation: 209.13 ft (63.74 m) msl

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:08
Depth to water: 80.66 ft (24.59 m) below TOC
Water elevation: 207.44 ft (63.23 m) msl

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:13
Depth to water: 53.71 ft (16.37 m) below TOC
Water elevation: 199.69 ft (60.87 m) msl

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:15
Depth to water: 54.98 ft (16.76 m) below TOC
Water elevation: 198.32 ft (60.45 m) msl

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:13
Depth to water: 53.35 ft (16.26 m) below TOC
Water elevation: 200.05 ft (60.98 m) msl

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:53
No water in standpipe.

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:48
Depth to water: 86.81 ft (26.46 m) below TOC
Water elevation: 208.99 ft (63.70 m) msl

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:18
Depth to water: 42.09 ft (12.83 m) below TOC
Water elevation: 194.21 ft (59.20 m) msl

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:18
Depth to water: 45.78 ft (13.95 m) below TOC
Water elevation: 190.52 ft (58.07 m) msl

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:19
Depth to water: 38.18 ft (11.64 m) below TOC
Water elevation: 198.12 ft (60.39 m) msl

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:54
Depth to water: 97.05 ft (29.58 m) below TOC
Water elevation: 200.65 ft (61.16 m) msl

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:05
Depth to water: 95.17 ft (29.01 m) below TOC
Water elevation: 202.53 ft (61.73 m) msl

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:06
Depth to water: 90.32 ft (27.53 m) below TOC
Water elevation: 207.38 ft (63.21 m) msl

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:01
Depth to water: 124.60 ft (37.98 m) below TOC
Water elevation: 202.40 ft (61.69 m) msl

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:00
Depth to water: 124.17 ft (37.85 m) below TOC
Water elevation: 202.73 ft (61.79 m) msl

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:01
No water in standpipe

WATER-LEVEL DATA

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:36
Depth to water: 110.74 ft (33.75 m) below TOC
Water elevation: 208.36 ft (63.51 m) msl

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:34
Depth to water: 110.47 ft (33.67 m) below TOC
Water elevation: 208.63 ft (63.59 m) msl

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 8:35
Depth to water: 109.48 ft (33.37 m) below TOC
Water elevation: 209.62 ft (63.89 m) msl

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:37
Depth to water: 136.09 ft (41.48 m) below TOC
Water elevation: 210.71 ft (64.23 m) msl

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:39
Depth to water: 135.65 ft (41.35 m) below TOC
Water elevation: 211.15 ft (64.36 m) msl

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/17/91 Time: 9:43
Depth to water: 135.18 ft (41.20 m) below TOC
Water elevation: 211.42 ft (64.44 m) msl

WELL YSC 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/05/91 Time: 14:36
Depth to water: 52.87 ft (16.11 m) below TOC
Water elevation: 221.53 ft (67.52 m) msl

WELL YSC 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/04/91 Time: 13:50
Depth to water: 114.61 ft (34.93 m) below TOC
Water elevation: 175.59 ft (53.52 m) msl

10. DNAPL STUDY

Dense non-aqueous phase liquids (DNAPLs), mainly tetrachloroethylene and trichloroethylene, were observed for the first time in the A/M Area in samples collected during first quarter 1991 from monitoring well MSB-3D. Assessment activities performed on 12 other A/M-Area monitoring wells during second quarter 1991 did not detect DNAPLs.

For the assessment, pumps were removed from the wells and the sampling personnel lowered bailers with bottom check valves to the bottom of the wells twice. No DNAPLs were observed. Samples of the water were sent to General Engineering for analysis.

Samples from the following wells were analyzed after the 14-day holding time for GC/MS VOA, although the laboratory received the samples before the holding time expired: MSB 9B, MSB 9C, MSB 10C, MSB 11C, MSB 11F, MSB 24A, MSB 27A, MSB 31C, RWM 6, RWM 10.

Samples from the following wells were analyzed after the 28-day holding time for mercury had expired, although the laboratory received the samples before the holding time had expired: MSB 10C, MSB 24A, MSB 27A, and MSB 31C.

Results of analyses of samples from these wells are presented below.

WELL MSB 3A

[illegible]

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 Time: 11:20
Depth to water: 131.89 ft (40.20 m) below TOC pH: 10.2
Sp. conductance: 273 µS/cm Water temperature: 20.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	400	µS/cm	GE
7	Aluminum	749	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	< 250	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 250	µg/L	GE
0	Bromoform	< 250	µg/L	GE
0	Bromomethane (Methyl bromide)	< 250	µg/L	GE
0	Carbon tetrachloride	< 250	µg/L	GE
0	Chlorobenzene	< 250	µg/L	GE
0	Chloroethane	< 250	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 250	µg/L	GE
0	2-chloroethyl vinyl ether	< 250	µg/L	GE
0	Chloroform	< 250	µg/L	GE
0	Chloromethane (Methyl chloride)	< 250	µg/L	GE
0	Chromium	5.8	µg/L	GE
0	Copper	9.8	µg/L	GE
0	Dibromochloromethane	< 250	µg/L	GE
0	1,1-Dichloroethane	< 250	µg/L	GE
0	1,2-Dichloroethane	< 250	µg/L	GE
0	trans-1,2-Dichloroetnene	< 250	µg/L	GE
0	1,1-Dichloroethylene	< 250	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 250	µg/L	GE
0	1,2-Dichloropropane	< 250	µg/L	GE
0	trans-1,3-Dichloropropene	< 250	µg/L	GE
0	cis-1,3-Dichloropropene	< 250	µg/L	GE
0	Ethylbenzene	< 250	µg/L	GE
2	Lead	208	µg/L	GE
0	Magnesium	818	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	0.36	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Sodium	15,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 250	µg/L	GE
2	Tetrachloroethylene	20,900	µg/L	GE
0	Toluene	< 250	µg/L	GE
0	1,1,1-Trichloroethane	< 250	µg/L	GE
0	1,1,2-Trichloroethane	< 250	µg/L	GE
2	Trichloroethylene	10,200	µg/L	GE
0	Trichlorofluoromethane	< 250	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
2	Zinc	19,900	µg/L	GE

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 Time: 12:15
Depth to water: 132.05 ft (40.25 m) below TOC pH: 3.8
Sp. conductance: 242 µS/cm Water temperature: 22.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	4.4	pH	GE
1	Specific conductance	205	µS/cm	GE
7	Aluminum	4,370	µg/L	GE
0	Barium	25	µg/L	GE
0	Benzene	< 250	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 250	µg/L	GE
0	Bromoform	< 250	µg/L	GE
0	Bromomethane (Methyl bromide)	< 250	µg/L	GE
0	Carbon tetrachloride	< 250	µg/L	GE
0	Chlorobenzene	< 250	µg/L	GE
0	Chloroethane	< 250	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 250	µg/L	GE
0	2-chloroethyl vinyl ether	< 250	µg/L	GE
0	Chloroform	< 250	µg/L	GE
0	Chloromethane (Methyl chloride)	< 250	µg/L	GE

WELL MSB 9C collected on 05/08/91 laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chromium	4.0	µg/L	GE
0	Copper	15	µg/L	GE
0	Dibromochloromethane	< 250	µg/L	GE
0	1,1-Dichloroethane	< 250	µg/L	GE
0	1,2-Dichloroethane	< 250	µg/L	GE
0	trans-1,2-Dichloroethene	< 250	µg/L	GE
0	1,1-Dichloroethylene	< 250	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 250	µg/L	GE
0	1,2-Dichloropropane	< 250	µg/L	GE
0	trans-1,3-Dichloropropene	< 250	µg/L	GE
0	cis-1,3-Dichloropropene	< 250	µg/L	GE
0	Ethylbenzene	< 250	µg/L	GE
2	Lead	66	µg/L	GE
0	Magnesium	557	µg/L	GE
2	Manganese	88	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	11	µg/L	GE
0	Sodium	12,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 250	µg/L	GE
2	Tetrachloroethylene	40,000	µg/L	GE
0	Toluene	< 250	µg/L	GE
0	1,1,1-Trichloroethane	< 250	µg/L	GE
0	1,1,2-Trichloroethane	< 250	µg/L	GE
2	Trichloroethylene	27,900	µg/L	GE
2	Tribromofluoromethane	181	µg/L	GE
0	Trichlorofluoromethane	< 250	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	417	µg/L	GE

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 9:45
Depth to water: 130.74 ft (39.70 m) below TOC — pH: 12.1
Sp. conductance: 5910 µS/cm — Water temperature: 19.5°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	13	pH	GE
2	Specific conductance	6,100	µS/cm	GE
2	Aluminum	384	µg/L	GE
2	Barium	2,060	µg/L	GE
0	Benzene	< 250	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 250	µg/L	GE
0	Bromoform	< 250	µg/L	GE
0	Bromomethane (Methyl bromide)	< 250	µg/L	GE
0	Carbon tetrachloride	< 250	µg/L	GE
0	Chlorobenzene	< 250	µg/L	GE
0	Chloroethane	< 250	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 250	µg/L	GE
0	2-Chloroethyl vinyl ether	< 250	µg/L	GE
0	Chloroform	< 250	µg/L	GE
0	Chloromethane (Methyl chloride)	< 250	µg/L	GE
0	Chromium	15	µg/L	GE
0	Copper	18	µg/L	GE
0	Dibromochloromethane	< 250	µg/L	GE
0	1,1-Dichloroethane	< 250	µg/L	GE
0	1,2-Dichloroethane	< 250	µg/L	GE
0	trans-1,2-Dichloroethene	< 250	µg/L	GE
0	1,1-Dichloroethylene	< 250	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 250	µg/L	GE
0	1,2-Dichloropropane	< 250	µg/L	GE
0	trans-1,3-Dichloropropene	< 250	µg/L	GE
0	cis-1,3-Dichloropropene	< 250	µg/L	GE
0	Ethylbenzene	< 250	µg/L	GE
2	Lead	38	µg/L	GE
0	Magnesium	58	µg/L	GE
0	Manganese	< 5.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Sodium	8,570	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 250	µg/L	GE
2	Tetrachloroethylene	5,560	µg/L	GE
0	Toluene	< 250	µg/L	GE
0	1,1,1-Trichloroethane	< 250	µg/L	GE
0	1,1,2-Trichloroethane	< 250	µg/L	GE
2	Trichloroethylene	5,030	µg/L	GE
0	Trichlorofluoromethane	< 250	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	403	µg/L	GE

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 14:20
Depth to water: 146.80 ft (44.75 m) below TOC — pH: 4.5
Sp. conductance: 81 µS/cm — Water temperature: 21.8°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	71	µS/cm	GE
2	Aluminum	7,220	µg/L	GE
0	Barium	19	µg/L	GE
0	Benzene	< 250	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 250	µg/L	GE
0	Bromoform	< 250	µg/L	GE
0	Bromomethane (Methyl bromide)	< 250	µg/L	GE
0	Carbon tetrachloride	< 250	µg/L	GE
0	Chlorobenzene	< 250	µg/L	GE
0	Chloroethane	< 250	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 250	µg/L	GE
0	2-Chloroethyl vinyl ether	< 250	µg/L	GE
0	Chloroform	< 250	µg/L	GE
0	Chloromethane (Methyl chloride)	< 250	µg/L	GE
0	Chromium	7.8	µg/L	GE
0	Copper	27	µg/L	GE
0	Dibromochloromethane	< 250	µg/L	GE
0	1,1-Dichloroethane	< 250	µg/L	GE
0	1,2-Dichloroethane	< 250	µg/L	GE
0	trans-1,2-Dichloroethene	< 250	µg/L	GE
0	1,1-Dichloroethylene	< 250	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 250	µg/L	GE
0	1,2-Dichloropropane	< 250	µg/L	GE
0	trans-1,3-Dichloropropene	< 250	µg/L	GE
0	cis-1,3-Dichloropropene	< 250	µg/L	GE
0	Ethylbenzene	< 250	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	1,720	µg/L	GE
1	Manganese	44	µg/L	GE
0	Mercury	0.54	µg/L	GE
0	Nickel	5.8	µg/L	GE
0	Sodium	4,370	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 250	µg/L	GE
0	Tetrachloroethylene	< 250	µg/L	GE
0	Toluene	< 250	µg/L	GE
0	1,1,1-Trichloroethane	< 250	µg/L	GE
0	1,1,2-Trichloroethane	< 250	µg/L	GE
2	Trichloroethylene	87,000	µg/L	GE
2	Trichlorofluoromethane	310	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	556	µg/L	GE

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 15:05
Depth to water: 137.48 ft (41.90 m) below TOC — pH: 4.2
Sp. conductance: 24 µS/cm — Water temperature: 21.1°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	21	µS/cm	GE
2	Aluminum	570	µg/L	GE
2	Aluminum	927	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	22	µg/L	GE
0	Copper	22	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
2	Lead	11	µg/L	GE
0	Magnesium	324	µg/L	GE

WELL MSB 14F collected on 05/08/91 Laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	139	µg/L	GE
0	Manganese	8.6	µg/L	GE
0	Manganese	8.8	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	4.1	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Sodium	2,080	µg/L	GE
0	Sodium	2,110	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	GE
2	Tetrachloroethylene	274	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	104	µg/L	GE
0	Zinc	104	µg/L	GE

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 13:30
Depth to water: 159.30 ft (48.56 m) below TOC pH: 4.3
Sp. conductance: 92 µS/cm Water temperature: 21.7°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	80	µS/cm	GE
2	Aluminum	461	µg/L	GE
2	Aluminum	486	µg/L	GE
0	Barium	32	µg/L	GE
0	Barium	32	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Carbon tetrachloride	3.5	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	5.2	µg/L	GE
0	Copper	5.2	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	2,630	µg/L	GE
0	Magnesium	2,560	µg/L	GE
0	Manganese	17	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	0.47	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Sodium	5,520	µg/L	GE
0	Sodium	5,010	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	1.2	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	1.2	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	42.7	µg/L	GE
0	Zinc	43.3	µg/L	GE

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:35
Depth to water: 148.56 ft (45.28 m) below TOC pH: 4.9
Sp. conductance: 41 µS/cm Water temperature: 21.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	40	µS/cm	GE
1	Aluminum	192	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	< 250	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 250	µg/L	GE
0	Bromoform	< 250	µg/L	GE
0	Bromomethane (Methyl bromide)	< 250	µg/L	GE
0	Carbon tetrachloride	< 250	µg/L	GE
0	Chlorobenzene	< 250	µg/L	GE
0	Chloroethane	< 250	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 250	µg/L	GE
0	2-Chloroethyl vinyl ether	< 250	µg/L	GE
0	Chloroform	< 250	µg/L	GE
0	Chloromethane (Methyl chloride)	< 250	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	34	µg/L	GE
0	Dibromochloromethane	< 250	µg/L	GE
0	1,1-Dichloroethane	< 250	µg/L	GE
0	1,2-Dichloroethane	< 250	µg/L	GE
0	trans-1,2-Dichloroethene	< 250	µg/L	GE
0	1,1-Dichloroethylene	< 250	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 250	µg/L	GE
0	1,2-Dichloropropane	< 250	µg/L	GE
0	trans-1,3-Dichloropropene	< 250	µg/L	GE
0	cis-1,3-Dichloropropene	< 250	µg/L	GE
0	Ethylbenzene	< 250	µg/L	GE
0	Lead	7.3	µg/L	GE
0	Magnesium	2.4	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	0.22	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Sodium	3,380	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 250	µg/L	GE
2	Tetrachloroethylene	7,900	µg/L	GE
0	Toluene	< 250	µg/L	GE
0	1,1,1-Trichloroethane	< 250	µg/L	GE
0	1,1,2-Trichloroethane	< 250	µg/L	GE
2	Trichloroethylene	16,700	µg/L	GE
0	Trichlorofluoromethane	< 250	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	381	µg/L	GE

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 Time: 14:35
Depth to water: 148.56 ft (45.28 m) below TOC pH: 4.9
Sp. conductance: 41 µS/cm Water temperature: 21.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	43	µS/cm	GE
2	Aluminum	303	µg/L	GE
0	Barium	9.4	µg/L	GE
0	Benzene	< 250	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 250	µg/L	GE
0	Bromoform	< 250	µg/L	GE
0	Bromomethane (Methyl bromide)	< 250	µg/L	GE
0	Carbon tetrachloride	< 250	µg/L	GE
0	Chlorobenzene	< 250	µg/L	GE
0	Chloroethane	< 250	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 250	µg/L	GE
0	2-Chloroethyl vinyl ether	< 250	µg/L	GE
0	Chloroform	< 250	µg/L	GE
0	Chloromethane (Methyl chloride)	< 250	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Copper	50	µg/L	GE
0	Dibromochloromethane	< 250	µg/L	GE
0	1,1-Dichloroethane	< 250	µg/L	GE
0	1,2-Dichloroethane	< 250	µg/L	GE
0	trans-1,2-Dichloroethene	< 250	µg/L	GE
0	1,1-Dichloroethylene	< 250	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 250	µg/L	GE
0	1,2-Dichloropropane	< 250	µg/L	GE
0	trans-1,3-Dichloropropene	< 250	µg/L	GE
0	cis-1,3-Dichloropropene	< 250	µg/L	GE
0	Ethylbenzene	< 250	µg/L	GE
0	Lead	6.9	µg/L	GE
0	Magnesium	604	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	0.37	µg/L	GE
0	Nickel	5.1	µg/L	GE
0	Sodium	3,560	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 250	µg/L	GE

DNAPL STUDY

WELL MSB 27A collected on 05/06/91 laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tetrachloroethylene	10,300	µg/L	GE
0	Toluene	< 250	µg/L	GE
0	1,1,1-Trichloroethane	< 250	µg/L	GE
0	1,1,2-Trichloroethane	< 250	µg/L	GE
2	Trichloroethylene	53,800	µg/L	GE
0	Trichlorofluoromethane	< 250	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	35	µg/L	GE

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/09/91 — Time: 11:30
Depth to water: 115.01 ft (35.06 m) below TOC — pH: 4.7
Sp. conductance: 129 µS/cm — Water temperature: 21.3°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	115	µS/cm	GE
2	Aluminum	3,400	µg/L	GE
0	Barium	43	µg/L	GE
0	Benzene	< 250	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 250	µg/L	GE
0	Bromoform	< 250	µg/L	GE
0	Bromomethane (Methyl bromide)	< 250	µg/L	GE
0	Carbon tetrachloride	< 250	µg/L	GE
0	Chlorobenzene	< 250	µg/L	GE
0	Chloroethane	< 250	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 250	µg/L	GE
0	2-Chloroethyl vinyl ether	< 250	µg/L	GE
0	Chloroform	< 250	µg/L	GE
0	Chloromethane (Methyl chloride)	< 250	µg/L	GE
0	Chromium	15	µg/L	GE
0	Copper	197	µg/L	GE
0	Dibromochloromethane	< 250	µg/L	GE
0	1,1-Dichloroethane	< 250	µg/L	GE
0	1,2-Dichloroethane	< 250	µg/L	GE
0	trans-1,2-Dichloroethene	< 250	µg/L	GE
0	1,1-Dichloroethylene	< 250	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 250	µg/L	GE
0	1,2-Dichloropropane	< 250	µg/L	GE
0	trans-1,3-Dichloropropene	< 250	µg/L	GE
0	cis-1,3-Dichloropropene	< 250	µg/L	GE
0	Ethylbenzene	< 250	µg/L	GE
2	Lead	26	µg/L	GE
0	Magnesium	1,250	µg/L	GE
2	Manganese	100	µg/L	GE
2	Mercury	0.19	µg/L	GE
0	Nickel	9.3	µg/L	GE
0	Sodium	8,440	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 250	µg/L	GE
2	Tetrachloroethylene	8,660	µg/L	GE
0	Toluene	< 250	µg/L	GE
0	1,1,1-Trichloroethane	< 250	µg/L	GE
0	1,1,2-Trichloroethane	< 250	µg/L	GE
2	Trichloroethylene	5,250	µg/L	GE
0	Trichlorofluoromethane	< 250	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
2	Zinc	6,580	µg/L	GE

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 15:05
Depth to water: 144.13 ft (44.00 m) below TOC — pH: 3.9
Sp. conductance: 53 µS/cm — Water temperature: 21.1°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	49	µS/cm	GE
2	Aluminum	4,430	µg/L	GE
0	Barium	34	µg/L	GE
0	Benzene	< 250	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 250	µg/L	GE
0	Bromoform	< 250	µg/L	GE
0	Bromomethane (Methyl bromide)	< 250	µg/L	GE
0	Carbon tetrachloride	< 250	µg/L	GE
0	Chlorobenzene	< 250	µg/L	GE
0	Chloroethane	< 250	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 250	µg/L	GE
0	2-Chloroethyl vinyl ether	< 250	µg/L	GE
0	Chloroform	< 250	µg/L	GE
0	Chloromethane (Methyl chloride)	< 250	µg/L	GE
0	Chromium	6.4	µg/L	GE
0	Copper	56	µg/L	GE
0	Dibromochloromethane	< 250	µg/L	GE
0	1,1-Dichloroethane	< 250	µg/L	GE
0	1,2-Dichloroethane	< 250	µg/L	GE
0	trans-1,2-Dichloroethene	< 250	µg/L	GE
0	1,1-Dichloroethylene	< 250	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 250	µg/L	GE
0	1,2-Dichloropropane	< 250	µg/L	GE
0	trans-1,3-Dichloropropene	< 250	µg/L	GE
0	cis-1,3-Dichloropropene	< 250	µg/L	GE
0	Ethylbenzene	< 250	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	1,760	µg/L	GE
1	Manganese	41	µg/L	GE
0	Mercury	0.22	µg/L	GE
0	Nickel	12	µg/L	GE
0	Sodium	5,860	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1,000	µg/L	GE
2	Tetrachloroethylene	32,600	µg/L	GE
0	Toluene	< 1,000	µg/L	GE
0	1,1,1-Trichloroethane	< 1,000	µg/L	GE
0	1,1,2-Trichloroethane	< 1,000	µg/L	GE
2	Trichloroethylene	22,100	µg/L	GE
2	Trichlorofluoromethane	892,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	913	µg/L	GE

WELL RWM 1 collected on 05/08/91 laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	< 250	µg/L	GE
0	1,1-Dichloroethylene	< 250	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 250	µg/L	GE
0	1,2-Dichloropropane	< 250	µg/L	GE
0	trans-1,3-Dichloropropene	< 250	µg/L	GE
0	cis-1,3-Dichloropropene	< 250	µg/L	GE
0	Ethylbenzene	< 250	µg/L	GE
0	Lead	3.7	µg/L	GE
0	Magnesium	970	µg/L	GE
1	Manganese	35	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	4.2	µg/L	GE
0	Sodium	2,130	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 250	µg/L	GE
2	Tetrachloroethylene	6,080	µg/L	GE
0	Toluene	< 250	µg/L	GE
0	1,1,1-Trichloroethane	< 250	µg/L	GE
0	1,1,2-Trichloroethane	< 250	µg/L	GE
2	Trichloroethylene	8,750	µg/L	GE
0	Trichlorofluoromethane	< 250	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	29	µg/L	GE

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/07/91 — Time: 10:50
Depth to water: 126.59 ft (38.59 m) below TOC — pH: 4.3
Sp. conductance: 68 µS/cm — Water temperature: 21.2°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	60	µS/cm	GE
2	Aluminum	2,180	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	< 1,000	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 1,000	µg/L	GE
0	Bromoform	< 1,000	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1,000	µg/L	GE
0	Carbon tetrachloride	< 1,000	µg/L	GE
0	Chlorobenzene	< 1,000	µg/L	GE
0	Chloroethane	< 1,000	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1,000	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1,000	µg/L	GE
0	Chloroform	< 1,000	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1,000	µg/L	GE
0	Chromium	8.3	µg/L	GE
0	Copper	19	µg/L	GE
0	Dibromochloromethane	< 1,000	µg/L	GE
0	1,1-Dichloroethane	< 1,000	µg/L	GE
0	1,2-Dichloroethane	< 1,000	µg/L	GE
0	trans-1,2-Dichloroethene	< 1,000	µg/L	GE
0	1,1-Dichloroethylene	< 1,000	µg/L	GE
0	Dichloromethane (Methylene chloride)	3,100	µg/L	GE
0	1,2-Dichloropropane	< 1,000	µg/L	GE
0	trans-1,3-Dichloropropene	< 1,000	µg/L	GE
0	cis-1,3-Dichloropropene	< 1,000	µg/L	GE
0	Ethylbenzene	< 1,000	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	1,760	µg/L	GE
1	Manganese	41	µg/L	GE
0	Mercury	0.22	µg/L	GE
0	Nickel	12	µg/L	GE
0	Sodium	5,860	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1,000	µg/L	GE
2	Tetrachloroethylene	32,600	µg/L	GE
0	Toluene	< 1,000	µg/L	GE
0	1,1,1-Trichloroethane	< 1,000	µg/L	GE
0	1,1,2-Trichloroethane	< 1,000	µg/L	GE
2	Trichloroethylene	22,100	µg/L	GE
2	Trichlorofluoromethane	892,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	913	µg/L	GE

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/08/91 — Time: 15:35
Depth to water: 141.35 ft (43.08 m) below TOC — pH: 4.8
Sp. conductance: 216 µS/cm — Water temperature: 21.6°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	193	µS/cm	GE
2	Aluminum	360	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	< 250	µg/L	GE
0	Beryllium	< 5.0	µg/L	GE
0	Bromodichloromethane	< 250	µg/L	GE
0	Bromoform	< 250	µg/L	GE
0	Bromomethane (Methyl bromide)	< 250	µg/L	GE

WELL RWM-10 collected on 05/08/01 laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	< 250	µg/l	GE
0	Chlorobenzene	< 250	µg/l	GE
0	Chloroethane	< 250	µg/l	GE
0	Chloroethene (Vinyl chloride)	< 250	µg/l	GE
0	2-Chloroethyl vinyl ether	< 250	µg/l	GE
0	Chloroform	< 250	µg/l	GE
0	Chloromethane (Methyl chloride)	< 250	µg/l	GE
0	Chromium	< 4.0	µg/l	GE
0	Copper	10	µg/l	GE
0	Dibromochloromethane	< 250	µg/l	GE
0	1,1-Dichloroethane	< 250	µg/l	GE
0	1,2-Dichloroethane	< 250	µg/l	GE
0	trans-1,2-Dichloroethene	< 250	µg/l	GE
0	1,1-Dichloroethylene	< 250	µg/l	GE
0	Dichloromethane (Methylene chloride)	< 250	µg/l	GE
0	1,2-Dichloropropane	< 250	µg/l	GE
0	trans-1,3-Dichloropropene	< 250	µg/l	GE
0	cis-1,3-Dichloropropene	< 250	µg/l	GE
0	Ethylbenzene	< 250	µg/l	GE
0	Lead	2.8	µg/l	GE
0	Magnesium	1,270	µg/l	GE
1	Manganese	28	µg/l	GE
0	Mercury	< 0.20	µg/l	GE
0	Nickel	4.2	µg/l	GE
0	Sodium	22,000	µg/l	GE
0	1,1,2,2-Tetrachloroethane	< 250	µg/l	GE
2	Tetrachloroethylene	12,000	µg/l	GE
0	Toluene	< 250	µg/l	GE
0	1,1,1-Trichloroethane	< 250	µg/l	GE
0	1,1,2-Trichloroethane	< 250	µg/l	GE
2	Trichloroethylene	3,850	µg/l	GE
0	Trichlorofluoromethane	< 250	µg/l	GE
0	Uranium	< 1,000	µg/l	GE
0	Zinc	97	µg/l	GE

NOTES

11. SITE INDEX BY WELL SERIES

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

SITE INDEX

Well Series	Site Description
H	H-Area Seepage Basins
HAC	H-Area Acid/Caustic Basin
HAP	H-Area Auxiliary Pump Pit
HCA	H-Area Canyon Building
HCB	H-Area Coal Pile Runoff Containment Basin
HET	H-Area Effluent Treatment Cooling Water Basin
HMD	Hazardous Waste/Mixed Waste Disposal Facility
HR3	Old H-Area Retention Basin
HR8	H-Area Retention Basin
HSB	H-Area Seepage Basins
HSB ITB Well	H-Area Seepage Basins; Production Well
HSS	H-Area Sludge Land Application Site
HTF	H-Area Tank Farm
HWS	Hazardous Waste Storage Facility
HXB	Ford Building Seepage Basin
IDB	Interim Waste Technology Site B: Characterization Wells
IDP	Interim Waste Technology Site P: Characterization Wells
IDQ	Interim Waste Technology Site Q: Characterization Wells
K	K-Area Wind Tower at B-Road; Piezometers
KAB	K-Area Ash Basin
KAC	K-Area Acid/Caustic Basin
KCB	K-Area Coal Pile Runoff Containment Basin
KDB	K-Area Disassembly Basin
KDT	K-Area Diesel Tank
KRP	K-Area Burning/Rubble Pit
KSB	K-Area Reactor Seepage Basin
KSS	K-Area Sludge Land Application Site
LAC	L-Area Acid/Caustic Basin
LCO	L-Area Oil and Chemical Basin
LDB	L-Area Disassembly Basin
LFW	Sanitary Landfill
LRP	L-Area Burning/Rubble Pit
LSB	L-Area Reactor Seepage Basin
MCB	Miscellaneous Chemical Basin
MGA	Series A, Burial Grounds Grid
MGC	Series C, Burial Grounds Grid
MGE	Series E, Burial Grounds Grid
MGG	Series G, Burial Grounds Grid
MSB	M-Area Hazardous Waste Management Facility (HWMF)
	M-Area: Plume Definition Wells
NBG	Between the F-Area Canyon Building and the Naval Fuel Material Facility
P	B-Area: Microbiology Wells (P 29)
	F-Area: Microbiology Wells (P 28)
	TNX-Area: Background Wells (P 26)
PAC	P-Area Acid/Caustic Basin
PCB	P-Area Coal Pile Runoff Containment Basin
PDB	P-Area Disassembly Basin
PRP	P-Area Burning/Rubble Pit
PSB	P-Area Reactor Seepage Basins
PSS	Par Pond Sludge Land Application Site

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Well Series	Site Description
RAC	R-Area Acid/Caustic Basin
RDB	R-Area Disassembly Basin
RRP	R-Area Burning/Rubble Pits
RSA	Series A, R-Area Reactor Seepage Basins
RSB	Series B, R-Area Reactor Seepage Basins
RSC	Series C, R-Area Reactor Seepage Basins
RSD	Series D, Between R-Area Reactor Seepage Basins and R-Area Disassembly Basin
RSE	Series E, R-Area Reactor Seepage Basins
RSF	Series F, R-Area Reactor Seepage Basins
RWM	M-Area: Recovery Wells (also used for plume definition)
SBG	S-Area Defense Waste Processing Facility (DWPF): Background Wells
SCA	S-Area Vitrification Building
SLP	S-Area Low Point Pump Pit
SRW	Silverton Road Waste Site
SSS	Sewage Sludge Application Sites
	40-Acre Hardwood Site
	Lower Kato Road Site
	Orangeburg Site
	Sandy (Lucy) Site
	Kato Road Site
	Road F Site
	Second Par Pond Borrow Pit
TBG	TNX Burying Ground
TNX	TNX-Area: Assessment Wells
XSB	Old TNX Seepage Basin
YSB	New TNX Seepage Basin
YSC	Y-Area Waste Solidification and Disposal Facility
Z	F Area
	H Area
ZBG	Z-Area Saltstone Facility: Background Wells
ZDT	Z-Area Low Point Drain Tank
ZW	F Area
	H Area
241-H	H-Area Tank Farm, Between Tanks 9 and 11

NOTES

12. GLOSSARY

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

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

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

analyte. Analyzed constituent.

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

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

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

B A letter code used in the analytical data tables to denote detection of the analyte in the associated laboratory blank.

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

blank. Aliquot of deionized water generated by the laboratory or sampling personnel and analyzed like a groundwater sample. See **blind blank**, **internal blank**, **laboratory blank**, and **trip blank**.

blind blank. Deionized and filtered water analyzed as a sample under an alias well name (as an unknown to the analyst).

blind replicate. A second sample taken from the same well at the same time as the primary sample, assigned an alias well name, and sent to a laboratory for analysis (as an unknown to the analyst).

BNA. Base/Neutral and Acid Extractables; groups of organic compounds analyzed as part of Appendix IX and Priority Pollutants.

cation. Positively charged ion.

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

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

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

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

CMP. Chemicals, metals, and pesticides; refers to the CMP Pits at SRS.

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

dilution factor. The mathematical factor by which a sample is diluted in order to bring the

concentration of an analyte in the sample within the analytical range of a detector; e.g., 1 mL sample + 9 mL solvent = 1:10 dilution (a dilution factor of 10).

DL. Analytical detection limit.

DNAPL. Dense Non-Aqueous Phase Liquids; the liquid phase of chlorinated organic solvents. These liquids are denser than water and include commonly used industrial compounds such as tetrachloroethylene and trichloroethylene.

DOE. United States Department of Energy.

DPSOP. DuPont Standard Operating Procedure; used in numbering documents and forms generated during E. I. du Pont de Nemours & Company's management of the Savannah River Plant (now Savannah River Site).

duplicate result. A result derived by taking a portion of a primary sample and performing the identical analysis on that portion as is performed on the primary sample.

DWPF. Defense Waste Processing Facility at SRS.

DWS. Drinking water standards.

E. A code-letter used in the analytical data tables signifying an exponential; e.g., 3.4E+3 = $3.4 \times 10^3 = 3{,}400$.

EM. EPD/EMS Laboratory at SRS.

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

EPA. United States Environmental Protection Agency.

EPD. Environmental Protection Department at SRS.

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

ET. EcoTek Laboratory Services Inc., of Atlanta, GA.

ERA. Environmental Resource Associates of Arvada, CO.

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

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

GC VOA. Gas Chromatographic Volatile Organics Analyses; a group of volatile organics that may be analyzed by gas chromatography.

GCMS VOA. Gas Chromatograph/Mass Spectrometer Volatile Organics Analyses; a group of volatile organics that are analyzed by gas chromatography and mass spectrometry methods.

GE. General Engineering Laboratories of Charleston, SC.

Ge-Hy. Ge-Hy Environmental Sampling of New Ellenton, SC.

General Engineering. General Engineering Laboratories of Charleston, SC.

halogenated compound. An organic compound bonded with one of the five halogen elements: astatine, bromine, chlorine, fluorine, and iodine.

halomethane. Any compound that includes a methane group (CH_3) bonded to a halogen element (astatine, bromine, chlorine, fluorine or iodine).

herbicides/pesticides. A suite of analyses. See the **Sample Scheduling** section of this report for further information.

HWMF. Hazardous Waste Management Facility.

interlaboratory comparisons. Comparisons conducted between two or more laboratories.

internal blank. Deionized water sample generated by the laboratory; one is analyzed

with each batch of samples (same as a laboratory blank).

intralaboratory comparisons. Comparisons conducted within a single laboratory.

J. A letter code used in the analytical data tables to indicate an estimated value.

laboratory blank. See **internal blank**.

LT. Less than.

MA. M Area; used in the analytical data tables to refer to the M-Area Laboratory at SRS.

major ions. A group of analyses performed in the EPD/EMS Groundwater Monitoring Program to determine the concentrations of calcium, magnesium, potassium, and silica ions and the alkalinity of the sample.

mg. Milligrams.

mg/L. Milligrams per liter.

MRD. Mean Relative Difference; a statistic. For further information, see the **Quality Control Samples** section of this report.

msl. (Above) mean sea level.

MWMF. Mixed Waste Management Facility.

ng/L. Nanograms per liter.

NTU. Nephelometric turbidity units; the standard unit of measurement of turbidity.

PCB. Polychlorinated biphenyl.

pCi. Picocurie; a unit of radiation equivalent to 3.7 E-2 disintegrations per second.

pCi/mL. Picocuries per milliliter.

pCi/L. Picocuries per liter.

piezometer. An instrument used to measure the potentiometric surface of the groundwater. Also, a well designed for this purpose.

plume. A volume of contaminated air or water originating at a point-source emission (e.g., a smokestack) or a waste source (e.g., a hazardous waste disposal site).

pump. To remove water from a well by using a stationary device to force water up a tube or pipe to the top of the well.

purge. To remove water from a well prior to sampling, generally by pumping or bailing.

QA. Quality assurance.

(R). Replicate analysis.

radioisotopes. Radioactive isotopes.

radionuclide. A nuclide at an unstable, high-energy level which seeks a more-stable, lower-energy level by emitting particles of energy. Through these emissions, the nuclear configuration decays to simpler nuclides.

RCRA. Resource Conservation and Recovery Act.

RCRA site. Solid waste management unit under RCRA regulation.

RDL. Reference detection limit.

reference detection limit. The detection limit chosen to allow comparison of several analyses with different detection limits. For the purposes of this report, the individual detection limits of at least 90% of the analyses are less than the reference detection limit. See the **Quality Control Samples** section of this report for further information.

replicate result. The analytical result of a blind replicate sample.

Resource Conservation and Recovery Act (RCRA). Federal legislation that regulates the transport, treatment, and disposal of solid and hazardous wastes.

RFI Program. RCRA Facility Investigation Program; EPA-regulated investigation of a solid waste management unit with regard to its potential impact on the environment.

RFI/RI Program. RCRA Facility Investigation/Remedial Investigation Program; at SRS,

an expansion of the RFI Program to include CERCLA and hazardous substance regulations.

SCDHEC. South Carolina Department of Health and Environmental Control.

seepage basin. An excavation that receives wastewater. Insoluble materials settle out on the floor of the basin, and soluble materials seep with the water through the soil column where they are removed partially by ion exchange with the soil. Designed to prevent overflow or surface runoff.

settling basin. A temporary holding basin (excavation) that receives wastewater, which is subsequently discharged.

site custodian. WSRC employee responsible for the site being monitored.

SRL. Savannah River Laboratory at SRS.

SRP. Savannah River Plant; now Savannah River Site.

SRS. Savannah River Site.

tank farm. An installation of interconnected underground tanks used for storage of high-level radioactive liquid wastes.

TOC. Top of casing; the elevation of the top of the well casing used as a reference for water-depth measurements.

trip blank. Blank used to check for contamination resulting from transport, shipping, and site conditions. See **Quality Control Samples** section of this report.

***t*-test**. Statistical method used to determine if the means of groups of observations are equal.

turbidity. A measure of the concentration of sediment or suspended particles in solution.

(U). Unclassified.

μg/L. Micrograms per liter.

μS/cm. Microsiemens per centimeter, equivalent to micromhos per centimeter; the unit of conductance across two points, used as the measure of specific conductance in analytical data tables.

USDWS. United States Public Health Service drinking water standard.

volatile organic compounds. A broad range of organic compounds, commonly halogenated, that vaporize at ambient, or relatively low, temperatures; e.g., benzene, acetone, chloroform, and methyl alcohol.

well volume. Volume of water standing inside the well casing.

WSRC. Westinghouse Savannah River Company.

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