ESH-EMS--91-0089

DE92 017876

THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM

THIRD QUARTER 1991 (U)

Environmental Protection Department
Westinghouse Savannah River Company
Aiken, SC

and

Exploration Resources, Inc.
Athens, GA

Publication Date: February 17, 1992

MASTER

Westinghouse Savannah River Company
Savannah River Site
Aiken, SC 29808

SAFETY · RESPONSIBILITY · SECURITY
SRS
SAVANNAH RIVER SITE

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

This page was left blank intentionally.

CONTENTS

1. EXECUTIVE SUMMARY 1

2. INTRODUCTION 11
   Organization of This Report 11
   For Further Information 12

3. CORRECTIONS 17

4. FLAGGING CRITERIA 19

5. SAMPLE SCHEDULING 29
   Comprehensive Analyses 29
   Scheduling Based on Flagging Levels 30
   Regulatory Requirements 30
   Special Requests 30
   Purge Water Containment Program 30

6. FIELD NOTES 33

7. ANALYTICAL DATA REVIEW 47
   Review of the Analytical Data for Errors 47
   Analytical Methods 65

8. QUALITY CONTROL SAMPLES 73
   Replicate and Duplicate Analyses of Samples 73
   Comments on the Replicate and Duplicate Analyses 78
   Quality Control Standards 79
   Blanks 83

9. WATER-LEVEL DATA 135

10. SITE INDEX BY WELL SERIES 153

11. GLOSSARY 157

12. REFERENCES 161

Appendix A. ANALYTICAL RESULTS A-1

LIST OF FIGURES

Figure 1. Areas and Locations Monitored for Groundwater Quality at the Savannah River Site 14
Figure 2. Separations and Waste Management Areas Monitored for Groundwater Quality 15
Figure 3. Two Types of Groundwater Monitoring Wellheads 33

LIST OF TABLES

Table 1. Analytes Above Flag 2 Criteria 1
Table 2. Flagging Criteria 20
Table 3. Number of Analyses Performed During Third Quarter 1991 29
Table 4. Comprehensive Analyses Constituents 29
Table 5. Comments From the Field Data 34
Table 6. General Engineering Laboratory Blanks With Elevated Results 53
Table 7. EPD/EMS Blind Blanks With Elevated Results 54
Table 8. General Engineering Samples With High Analytical Results as Compared to Historical Data 57
Table 9. General Engineering Samples With Low Analytical Results as Compared to Historical Data 61
Table 10. Analyses Not Performed by General Engineering 64
Table 11. M-Area Samples With High Analytical Results as Compared to Historical Data 65
Table 12. Methods and Detection Limits Used by General Engineering 66
Table 13. Wells Providing Blind Replicate Samples 73
Table 14. Analytes Not Showing Measurable Concentrations Above Detection Limits in any Replicated or Duplicated Samples 74
Table 15. Intralaboratory MRD Index for General Engineering 77
Table 16. General Engineering Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another 78
Table 17. General Engineering Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another 79
Table 18. Quality Control Standards for Common Analyses, Batch No. 2533 79
Table 19. Quality Control Standards for Appendix IX Analyses, Batch No. 2602 81
Table 20. Quality Control Standards for Priority Pollutants Analyses, Batch No. 410 82
Table 21. Equipment Blanks Associated With General Engineering Laboratory Blanks Having Elevated Results 84
Table 22. Equipment Blanks Associated With EPD/EMS Blind Blanks Having Elevated Results 84

1. EXECUTIVE SUMMARY

The Environmental Protection Department/ Environmental Monitoring Section (EPD/EMS) administers the Savannah River Site's (SRS) Groundwater Monitoring Program. During third 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 third quarter 1991 are listed in this report, which is distributed to all site custodians. 59 wells scheduled for analyses during third quarter 1991 were not sampled pending establishment of a purge water containment program. For more information, see the **Sample Scheduling** section.

One or more analytes exceeded Flag 2 during third quarter 1991 in 93 monitoring well series, as well as in well 905103F. Analytes exceeded the current Flag 2 criteria for the first time since 1984 in 23 monitoring well series and in well 905103F.

Those sites with constituents in the groundwater above Flag 2 in third 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. Also, specific conductance and pH data from the field are included in this table.

Table 1. Analytes Above Flag 2 Criteria

Site	Well Series	Analytes Above Flag 2 Criteria Third Quarter 1991
100 AREAS		
C Area		
C-Area Burning/Rubble Pit	CRP	Total organic halogens, trichloroethylene, tritium
C-Area Disassembly Basin	CDB	Iron, lead, manganese, tritium
C-Area Reactor Seepage Basins	CSB	1,2-Dichloroethane, total organic halogens, 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 Third Quarter 1991
100 AREAS (cont.)		
K Area		
K-Area Acid/Caustic Basin	KAC	Iron, total organic halogens
K-Area Ash Basin	KAB	Iron, manganese, specific conductance, total organic halogens, total radium
K-Area Burning/Rubble Pit	KRP	Iron, manganese, tetrachloroethylene, trichloroethylene
K-Area Coal Pile Runoff Containment Basin	KCB	Manganese, specific conductance, total radium, tritium
K-Area Diesel Tank	KDT	Manganese, tritium
K-Area Disassembly Basin	KDB	Lead, manganese, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
K-Area Reactor Seepage Basin	KSB	Tritium
L Area		
L-Area Acid/Caustic Basin	LAC	Lead, tetrachloroethylene, trichloroethylene
L-Area Burning/Rubble Pit	LRP	Lead
L-Area Disassembly Basin	LDB	Lead, trichlorofluoromethane
L-Area Oil and Chemical Basin	LCO	Manganese, specific conductance, tetrachloroethylene, tritium
L-Area Reactor Seepage Basin	LSB	Lead, tritium
P Area		
P-Area Acid/Caustic Basin	PAC	Iron, manganese, **total organic halogens**
P-Area Burning/Rubble Pit	PRP	Carbon tetrachloride, 1,1-dichloroethane, **1,2-dichloroethane**, 1,1-dichloroethylene, lead, manganese, tetrachloroethylene, total organic halogens, trichloroethylene, tritium
P-Area Coal Pile Runoff Containment Basin	PCB	Iron, lead, manganese, nickel, specific conductance, sulfate, 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 Third Quarter 1991
100 AREAS (cont.)		
P Area (cont.)		
P-Area Disassembly Basin	PDB	Lead, tritium
P-Area Reactor Seepage Basins	PSB	Lead, tritium
R Area		
R-Area Acid/Caustic Basin	RAC	Lead
R-Area Burning/Rubble Pits	RRP	**Chloroethene (vinyl chloride), 1,1-dichloroethane,** iron
R-Area Disassembly Basin	RDB	Iron, manganese
Series A, R-Area Reactor Seepage Basins	RSA	Cadmium
Series B, R-Area Reactor Seepage Basins	RSB	Cadmium
Series D, between R-Area Reactor Seepage Basins and R-Area Disassembly Basin	RSD	Cadmium, gross alpha, nonvolatile beta
Series E, R-Area Reactor Seepage Basins	RSE	Cadmium, gross alpha, nonvolatile beta, tritium
Series F, R-Area Reactor Seepage Basins	RSF	Tritium
200 AREAS		
Burial Grounds (E Area)		
Burial Grounds	BG	Aluminum, iron, lead, manganese, total carbon, total inorganic carbon, total radium, tritium
Burial Grounds Perimeter	BGO	Aluminum, antimony, chloroethene (vinyl chloride), 1,1-dichloroethane, iron, manganese, pH, specific conductance, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
E-Area Vaults Near the Burial Grounds	BGX	**Gross alpha, lead,** manganese, **nonvolatile beta, pH, specific conductance, total organic carbon, total radium,** trichloroethylene, **trichlorofluoromethane,** tritium
Series C, Monitoring Grid Wells for Burial Grounds	MGC	Gross alpha, 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 Third Quarter 1991
200 AREAS (cont.)		
E Area (cont.)		
Series E, Monitoring Grid Wells for Burial Grounds	MGE	Tritium
Series G, Monitoring Grid Wells for Burial Grounds	MGG	**Gross alpha**, tritium
F Area		
Burma Road Rubble Pit	BRR	Lead, manganese, total organic halogens, **total radium**, tritium
F Area and H Area	ZW	Tritium
F-Area Acid/Caustic Basin	FAC	Manganese, total organic halogens, total radium
F-Area A Line	FAL	1,2-Dichloroethane, lead, manganese, total organic halogens, **total radium**, trichloroethylene, trichlorofluoromethane
F-Area Burning/Rubble Pits	FBP	Carbon tetrachloride, tetrachloroethylene, total organic halogens, trichloroethylene
F-Area Canyon Building	FCA	**1,1-Dichloroethane**, gross alpha, lead, manganese, nitrate as nitrogen, nonvolatile beta, total organic halogens, total radium, trichloroethylene, trichlorofluoromethane
F-Area Coal Pile Runoff Containment Basin	FCB	Iron, total organic carbon, total organic halogens, total radium
F-Area Seepage Basins	F	Gross alpha, nonvolatile beta, tritium
	FSB	Aluminum, antimony, cadmium, **chloroethene (vinyl chloride)**, cobalt, copper, **1,1-dichloroethylene**, gross alpha, iron, lead, manganese, mercury, nickel, nitrate as nitrogen, nonvolatile beta, pH, **silver**, specific conductance, sulfate, tetrachloroethylene, total organic halogens, total radium, total silica, trichloroethylene, tritium, uranium
F-Area Sludge Land Application Site	FSS	Iron, lead, manganese, **total organic halogens**, total radium, 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 Third Quarter 1991
200 AREAS (cont.)		
F Area (cont.)		
Between the F-Area Canyon Building and the Naval Fuel Material Facility	NBG	Iron, lead, nitrate as nitrogen, specific conductance, trichloroethylene, tritium
F-Area Tank Farm	FTF	Gross alpha, nonvolatile beta, pH, total radium, tritium
Old F-Area Seepage Basin	FNB	Manganese, nonvolatile beta, nitrate as nitrogen, total radium, trichloroethylene, tritium
H Area		
H-Area Acid/Caustic Basin	HAC	Iron, **total organic halogens**, **total radium**, tritium
H-Area Canyon Building	HCA	Iron, lead, manganese, tetrachloroethylene, total radium, trichloroethylene, tritium
H-Area Coal Pile Runoff Containment Basin	HCB	Gross alpha, iron, lead, manganese, specific conductance, sulfate, total radium, tritium
H-Area Effluent Treatment Cooling Water Basin	HET	Iron, tritium
H-Area Seepage Basins	H	Tritium
H-Area Seepage Basins	HSB	Aluminum, antimony, arsenic, cadmium, cobalt, gross alpha, iron, lead, manganese, mercury, nickel, nitrate as nitrogen, nonvolatile beta, pH, specific conductance, tetrachloroethylene, total organic halogens, total radium, total silica, trichloroethylene, tritium, vanadium
H-Area Sludge Land Application Site	HSS	Lead, total radium
H-Area Tank Farm	HTF	Cadmium, lead, nitrate as nitrogen, nonvolatile beta, total radium, tritium
F Area and H Area	ZW	Tritium
H-Area Retention Basin	HR8	Total radium, tritium
Old H-Area Retention Basin	HR3	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 Third Quarter 1991
200 AREAS (cont.)		
S Area		
S-Area Defense Waste Processing Facility Background Wells	SBG	Tetrachloroethylene, total radium, trichloroethylene, tritium
S-Area Vitrification Building	SCA	Manganese, specific conductance, total radium, tritium
Y Area		
Y-Area Waste Solidification and Disposal Facility	YSC	pH, specific conductance, total radium
Z Area		
Z-Area Low Point Drain Tank	ZDT	Tritium
300/700 AREAS		
A-Area Background Well near Firing Range	ABW	**1,1-Dichloroethylene**, tetrachloroethylene, trichloroethylene
A-Area Burning/Rubble Pits	ARP	Trichloroethylene
A/M Area: Cluster Perimeter Wells and Plume Definition Wells	AC	**1,1-Dichloroethylene**, tetrachloroethylene, trichloroethylene
A-Area Coal Pile Runoff Containment Basin	ACB	**1,1-Dichloroethylene**, manganese, **tetrachloroethylene**, total radium, trichloroethylene
A-Area Metals Burning Pit	ABP	Lithium, manganese, pH, phenols, specific conductance, tetrachloroethylene, total organic halogens, total radium, trichloroethylene
M-Area Hazardous Waste Management Facility (HWMF)	MSB	**Acetone**, aluminum, **dichlorodifluoromethane**, 1,1-dichloroethylene, iron, lead, manganese, mercury, nitrate as nitrogen, nonvolatile beta, pH, specific conductance, tetrachloroethylene, thallium, tin, total organic carbon, total organic halogens, total radium, 1,1,2-trichloroethane, trichloroethylene, 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 Third Quarter 1991
300/700 AREAS (cont.)		
M Area: Recovery Wells (also used for plume definition)	RWM	Chloroform, 1,1-dichloroethylene, **trans-1,2-dichloroethylene**, nitrate as nitrogen, tetrachloroethylene, total organic halogens, total radium, **1,1,1-trichloroethane**, trichloroethylene
Metallurgical Laboratory Seepage Basin	AMB	Iron, manganese, **pH**, tetrachloroethylene, total organic halogens, total radium, trichloroethylene
Miscellaneous Chemical Basin	MCB	Lithium, manganese, pH, specific conductance, tetrachloroethylene, total organic halogens, total radium, trichloroethylene
Motor Shop Oil Basin	AOB	Tetrachloroethylene, total organic halogens, total radium, trichloroethylene
Savannah River Laboratory (SRL) Seepage Basins	ASB	Chromium, lead, pH, specific conductance, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
Silverton Road Waste Site	SRW	Carbon tetrachloride, **1,1-dichloroethylene**, lead, tetrachloroethylene, total organic halogens, trichloroethylene
400 AREA		
D Area		
D-Area Burning/Rubble Pits	DBP	Iron, manganese
D-Area Coal Pile Runoff Containment Basin and Ash Basins	DCB	Aluminum, beryllium, chromium, cobalt, gross alpha, iron, lead, lithium, manganese, nickel, nonvolatile beta, pH, specific conductance, sulfate, tetrachloroethylene, total organic halogens, total radium, trichloroethylene, tritium
D-Area Oil Disposal Basin	DOB	Iron, tetrachloroethylene, total organic halogens, trichloroethylene
600 AREAS		
Central Shops Area		
Central Shops Burning/Rubble Pit south of the Ford Building Seepage Basin	CBR	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 Third Quarter 1991
600 AREAS (cont.)		
Central Shops Area (cont.)		
Central Shops Diesel Spill Characterization and Remediation Wells	CSD	pH, total radium
Ford Building Seepage Basin	HXB	Manganese, total organic halogens, total radium, tritium
General Areas		
B-Area Microbiology Wells	P	Benzene
Chemicals, Metals, and Pesticides (CMP) Pits	CMP	1,2-Dichloroethane, iron, manganese, tetrachloroethylene, total organic carbon, total organic halogens, trichloroethylene, trichlorofluoromethane
Hazardous Waste/Mixed Waste Disposal Facility	HMD	Manganese, **tetrachloroethylene**, trichlorofluoromethane
Interim Waste Technology Site B: Characterization Wells	IDB	Aluminum, iron, lead, pH, specific conductance
Interim Waste Technology Site P: Characterization Wells	IDP	Aluminum, iron, pH
Interim Waste Technology Site Q: Characterization Wells	IDQ	Aluminum, iron, manganese, pH
Road A Chemical Basin (Baxley Road)	BRD	Lead, **phenols**, total organic halogens, total radium
Sanitary Landfill	LFW	Cadmium, chlorobenzene, chloroethane, chloroethene (vinyl chloride), chloromethane (methyl chloride), 1,4-dichlorobenzene, dichlorodifluoromethane, 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethylene, iron, manganese, specific conductance, tetrachloroethylene, total organic carbon, total organic halogens, total radium, **1,1,1-trichloroethane**, trichloroethylene, trichlorofluoromethane, tritium, xylenes
Sewage Sludge Application Sites	SSS	Iron, manganese, 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 Third Quarter 1991
600 AREAS (cont.)		
TNX		
New TNX Seepage Basin	YSB	Total organic halogens
Old TNX Seepage Basin	XSB	Carbon tetrachloride, iron, total organic halogens, trichloroethylene
TNX Area: Background Wells	P	Iron, total organic halogens, **total radium**
TNX Area: Assessment Wells	TNX	Carbon tetrachloride, **chloroethene (vinyl chloride)**, iron, manganese, nitrate as nitrogen, **total organic carbon**, total organic halogens, tetrachloroethylene, trichloroethylene
TNX Burying Grounds	TBG	Carbon tetrachloride, iron, manganese, nitrate as nitrogen, total organic halogens, total radium, trichloroethylene, **trichlorofluoromethane**
Miscellaneous Well		
F-Area Production Well	905103F	**Aluminum, iron**

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 third 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. 14–15). 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 wells that went dry during sampling or the appearance of water that is colored, turbid or aerated. 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 third quarter, General Engineering was the primary off-site laboratory; some of the total organic halogen analyses were subcontracted to Lancaster Laboratories and Mountain States Analytical. 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 the laboratories used for measuring concentrations of each analyte.

A select number of replicate samples are analyzed by the primary 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 accuracy percentage 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 **Water-Level Data** section includes field data obtained on concurrent water elevations in the A/M Areas; these data are used by site custodians in hydrogeologic interpretation.

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.

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 radionuclide analyses, however, were not available in time for this report.

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
Second Quarter 1991	ESH-EMS-910088
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, December 1983, describes SRS waste disposal sites and analytical monitoring data.

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

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

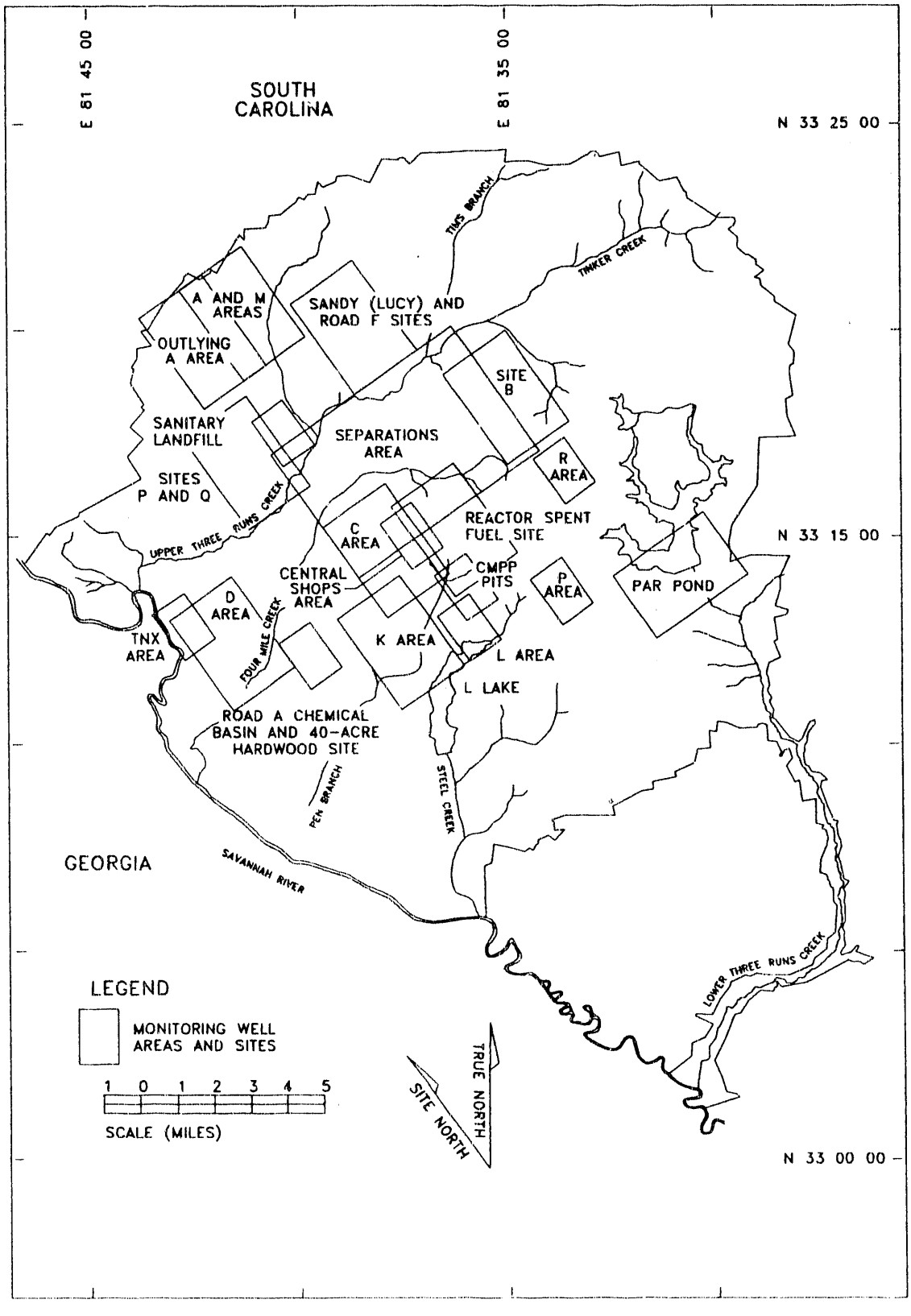


Figure 1. Areas and Locations Monitored for Groundwater Quality at the Savannah River Site

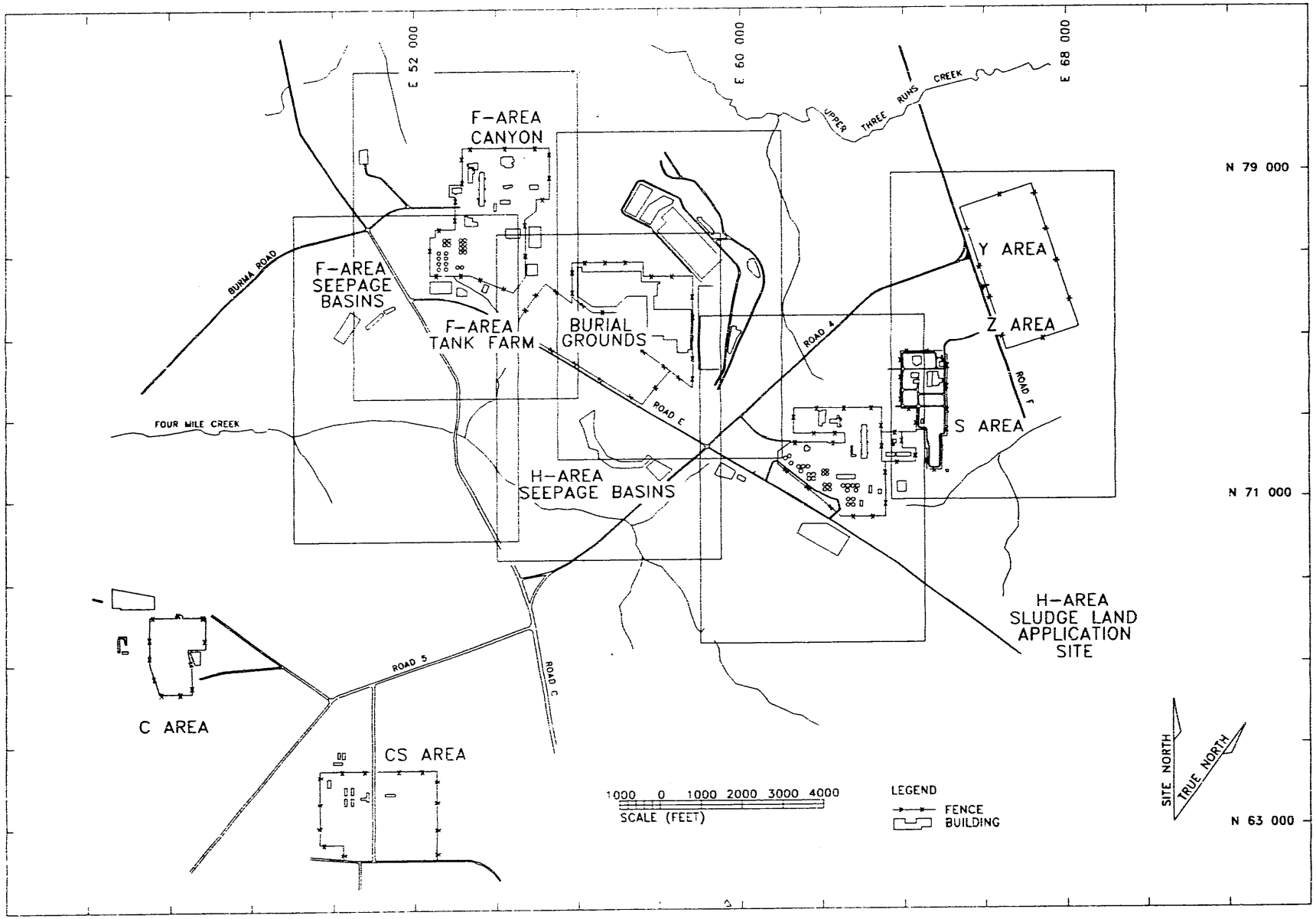


Figure 2. Separations and Waste Management Areas Monitored for Groundwater Quality

NOTES

3. CORRECTIONS

CORRECTIONS TO THE SECOND QUARTER 1991 REPORT (ESH-EMS-910088)

In Table 14, pp. 62-69, the detection limits given were not the 90th percentile detection limits, as stated on page 62; they were the detection limits used for undiluted samples.

Due to an error in the computer program, 1,2,3,4,6,7,8-HHPCDF was incorrectly used as the abbreviation for 1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan in the **Analytical Results** section. The correct abbreviation is 1,2,3,4,6,7,8-HPCDF. Similarly, 1,2,3,4,7,8-HPCDD and 1,2,3,4,7,8-HPCDF were incorrectly used as the abbreviations for 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin and 1,2,3,4,7,8-Hexachlorodibenzo-p-furan, respectively. The correct abbreviations are 1,2,3,4,7,8-HXCDD and 1,2,3,4,7,8-HXCDF.

NOTES

4. FLAGGING CRITERIA

Beginning in 1991, EPD/EMS modified its guidelines for flagging constituents in the Groundwater Monitoring Program. When a constituent reaches or exceeds its Flag 1 or Flag 2 criterion, sample collection is triggered 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 are 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 was set as one-half of the Environmental Protection Agency (EPA) final 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 was set as 5 times a recently published 90th percentile detection limit obtained by one of the primary laboratories. If an analytical result for a constituent in any well exceeds Flag 1, all wells in the same monitoring series from which samples are 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 be scheduled as Flag 0.

Flag 2: The Flag 2 criterion for a constituent was set as the EPA final 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 is set as 10 times a recently published 90th percentile detection limit obtained by one of the primary laboratories. If an analytical result for a constituent exceeds Flag 2, all wells in the monitoring series from which samples are 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 be scheduled according to 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 ketones, methylene chloride, phthalates, 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.**

DWS - Drinking Water Standards.

EPA - Environmental Protection Agency.

EPA Method - A specific analytical method for testing constituent levels. With the exception of method 300.0, 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
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)
Aramite	µg/L	50	100	EPA Method 8270
Arsenic	µg/L	25	50	Final DWS (EPA, 1990a)
Azobenzene	µg/L	50	100	EPA Method 625
Barium	µg/L	1,000	2,000	Final DWS (EPA, 1991c)
Benzene	µg/L	2.5	5	Final DWS (EPA, 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

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
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)
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 (EPA, 1991c)
Bromoform	µg/L	50	100	Final DWS (EPA, 1991c)
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 (EPA, 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 (EPA, 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
Carbonate		No flag	No flag	Set by EPD/EMS
Chlordane	µg/L	1	2	Final DWS (EPA, 1991a)
Chloride	µg/L	125,000	250,000	Secondary DWS (EPA, 1991a)
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 (EPA, 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 (EPA, 1991c)
para-Chloro-meta-cresol	µg/L	50	100	EPA Method 8270
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)
Chrysene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990b)
Cobalt	µg/L	20	40	EPA Method 6010
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

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
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 (EPA, 1991c)
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 (EPA, 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 (EPA, 1990a)
cis-1,2-Dichloroethene	µg/L	35	70	Final DWS (EPA, 1991a)
1,1-Dichloroethylene	µg/L	3.5	7	Final DWS (EPA, 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 (EPA, 1990a)
1,2-Dichloropropane	µg/L	2.5	5	Final DWS (EPA, 1991a)
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

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Disulfoton	µg/L	50	100	EPA Method 8270
Eh		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 (EPA, 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 (EPA, 1991c)
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
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	APHA Method 415
Iodomethane (Methyl iodide)	µg/L	75	150	EPA Method 8240
Iron	µg/L	150	300	Secondary DWS (EPA, 1991a)
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 (EPA, 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 (EPA, 1991a)

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Mercury	µg/L	1	2	Final DWS (EPA, 199 a)
Methacrylonitrile	µg/L	250	500	EPA Method 8240
Methapyrilene	µg/L	50	100	EPA Method 8270
Methoxychlor	µg/L	50	100	Final DWS (EPA, 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
Nickel	µg/L	50	100	Proposed DWS (EPA, 1990b)
Nitrate as nitrogen	µg/L	5,000	10,000	Final DWS (EPA, 1991a)
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
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
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

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
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	0.5	1	Final 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
Potassium		No flag	No flag	Set by EPD/EMS
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
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 (EPA, 1990a)
Sodium		No flag	No flag	Set by EPD/EMS
Specific conductance	µS/cm	250	500	Set by EPD/EMS
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
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
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
Total organic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic halogens	µg/L	25	50	EPA Method 9020

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Total organic nitrogen	µg/L	500	1,000	APHA Method 420
Total petroleum hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total phosphates (as P)		No flag	No flag	Set by EPD/EMS
Total phosphorus		No flag	No flag	Set by EPD/EMS
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 (EPA, 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 (EPA, 1990a)
1,1,2-Trichloroethane	µg/L	2.5	5	Proposed DWS (EPA, 1990b)
Trichloroethylene	µg/L	2.5	5	Final DWS (EPA, 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
Turbidity		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed DWS (EPA, 1991d)
Vanadium	µg/L	50	100	EPA Method 6010
Vinyl acetate	µg/L	5	10	EPA Method 8240
Xylenes	µg/L	5,000	10,000	EPA Method 8240
Zinc	µg/L	2,500	5,000	Secondary DWS (EPA, 1991a)
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)
Antimony-125	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Barium-140	µCi/mL	4.5E-08	9E-08	Final DWS (EPA, 1977)
Beryllium-7	µCi/mL	3E-06	6E-06	Final DWS (EPA, 1977)
Carbon-14	µCi/mL	1E-06	2E-06	Final DWS (EPA, 1977)
Cerium-141	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
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)
Chromium-51	µCi/mL	3E-06	6E-06	Final DWS (EPA, 1977)
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)
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)
Europium-154	µCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Europium-155	µCi/mL	3E-07	6E-07	Final DWS (EPA, 1977)
Gross alpha	µCi/mL	7.5E-09	1.5E-08	Final DWS (EPA, 1990a)
Iodine-129	µCi/mL	5E-10	1E-09	Final DWS (EPA, 1977)
Iodine-131		No flag	No flag	Set by EPD/EMS
Iron-55		No flag	No flag	Set by EPD/EMS
Iron-59		No flag	No flag	Set by EPD/EMS
Lanthanum-140	µCi/mL	3E-08	6E-08	Final DWS (EPA, 1977)

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

Table 2. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Manganese-54	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Neptunium-237	µCi/mL	3.53E-09	7.06E-09	Proposed DWS (EPA, 1991d)
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	3.E-07	Final DWS (EPA, 1977)
Nonvolatile beta	µCi/mL	2.5E-08	5E-08	Proposed DWS (EPA, 1986)
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)*
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-40	µCi/mL	1.5E-07	3E-07	Proposed DWS (EPA, 1986)
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)
Sodium-22	µCi/mL	2.33E-07	4.66E-07	Proposed DWS (EPA, 1991d)
Strontium-89	µCi/mL	1E-08	2E-08	Final DWS (EPA, 1977)
Strontium-90	µCi/mL	4E-09	8E-09	Final DWS (EPA, 1990a)
Technetium-99	µCi/mL	4.5E-07	9E-07	Final DWS (EPA, 1977)
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-113	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Total radium	µCi/mL	2.5E-09	5E-09	Final DWS (EPA, 1990a)
Tritium	µCi/mL	1E-05	2E-05	Final DWS (EPA, 1990a)
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)
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

5. 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.*

A breakdown by laboratory of the total number of analyses performed for third quarter 1991, exclusive of radionuclides scheduled for analysis by Teledyne Isotopes, is shown in Table 3.

Table 3. Number of Analyses Performed During Third Quarter 1991

Laboratory	# of Analyses
EPD/EMS Laboratory	276
General Engineering	84,915
Lancaster Laboratories	116
M-Area Laboratory	1,534
Mountain States Analytical	31

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 of analyses 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, then 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.

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.

REGULATORY REQUIREMENTS

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

PURGE WATER CONTAINMENT PROGRAM

During third quarter, a purge water containment program was being designed to containerize and properly dispose of the water purged from certain wells before sampling. Fifty-nine wells that had been scheduled for analyses as part of the groundwater monitoring program during third quarter were not sampled, pending the implementation of this program.

One of these wells, MSB 3D, however, was sampled as part of a special study. The wells are:

ARP 3	CSB 6A	MSB 9B	MSB 12B	MSB 16C
ASB 6AA	DCB 1A	MSB 9C	MSB 12C	MSB 17B
ASB 8B	FSB 98A	MSB 10C	MSB 14A	MSB 17BB
ASB 8C	MCB 5	MSB 11C	MSB 15A	MSB 20A
BGO 37C	MCB 7C	MSB 11D	MSB 15C	MSB 22
CRP 3	MSB 3D	MSB 11F	MSB 15D	MSB 25A
CSB 2A	MSB 9A	MSB 12A	MSB 16A	MSB 26

MSB 28A
MSB 31C
MSB 34A
MSB 36B
MSB 37TA
MSB 38B
MSB 40B
MSB 42A
MSB 45A
MSB 47B
MSB 47C
MSB 47TA
MSB 48B
MSB 55HC
MSB 64B
MSB 67D
MSB 68C
MSB 68D
MSB 74B
MSB 76C
P 28TC
RWM 12
RWM 16
TBG 4
TBG 5
TBG 6

NOTES

6. FIELD NOTES

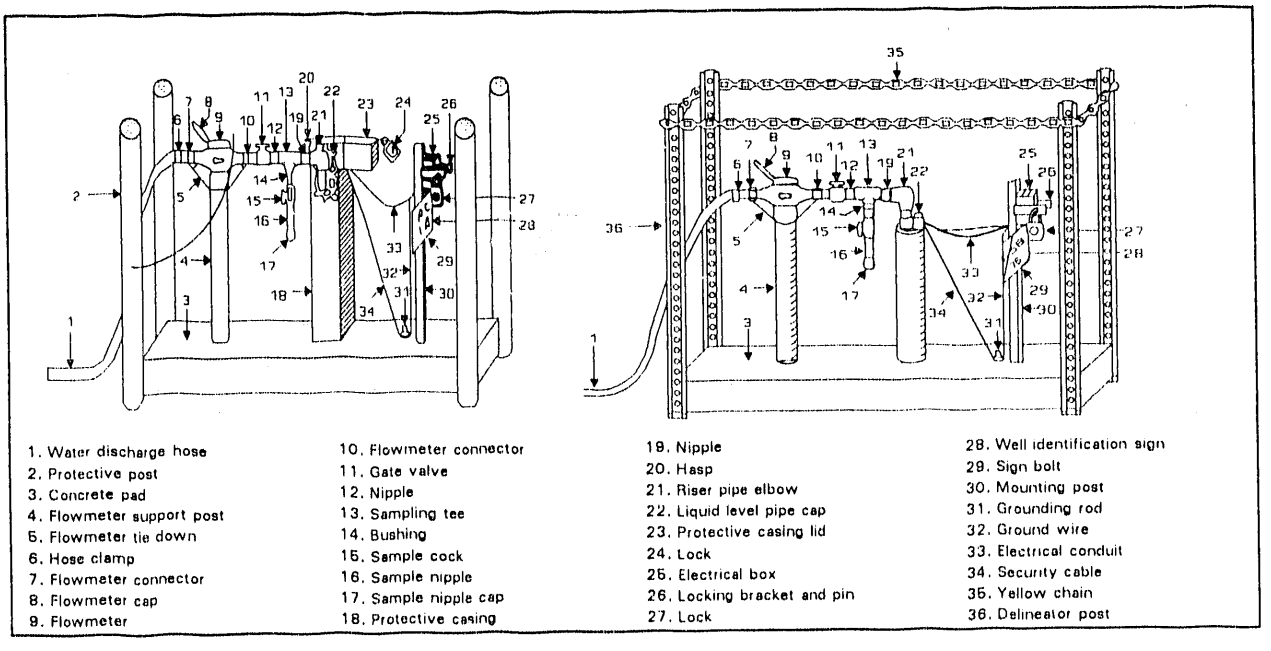


Figure 3. Two Types of Groundwater Monitoring Wellheads

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 third quarter 1991 section of the EPD/EMS Groundwater Monitoring Library. Field measurements 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 third 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 F series; the FAC series except FAC 4; the FCA series except FCA 19D; the FTF series; the H series; the HTF series; the MGC series; the MGE series; the MGG series; the RSA series; the RSB series; the RSC series; the RSD series; the RSE series except RSE 24 and RSE 25; the SSS series; and the ZW series. The following individual wells were also bailed, although the other wells in the series were pumped: BG 52, BG 54, BG 59, BG 60, BG 61, BG 67, BG 121, CSD 1D, IDP 4, IDQ 1, K 301P, MSB 3D, MSB 44C, MSB 45C, MSB 46C, SCA 3A, SCA 4A, YSC 1A, Z 9, and ZBG 1A.

A single sampling event, yielding a single set of field and analytical data, can cover up to 24 hours. That is, if a well runs dry during purging before a sample is collected and the well is revisited and sampled within 24 hours, this is considered one sampling event. For such wells, the volume purged before the well went dry during the first visitation 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.

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
905103F	09/19/91	Estimated volume purged ~6,000 gal
ABP Series		
ABP 8C	07/27/91	Dry after 2.7 gal
ABP 8D	07/27/91	Unable to sample, pump ran but no water was purged
AC Series		
AC 1B	07/27/91	No water in standpipe
	09/17/91	No water in standpipe
ACB Series		
ACB 4A	07/28/91	Gate valve cracked (leaks)
AMB Series		
AMB 4	08/22/91	Dry after 3.2 gal
AMB 4A	09/24/91	Well installation incomplete
AMB 4B	09/24/91	Well installation incomplete
AMB 4D	09/24/91	Well installation incomplete, unable to sample
AMB 7	08/21/91	Dry after 5.8 gal
AMB 7A	09/23/91	Well installation incomplete
AMB 7B	09/23/91	Well installation incomplete
AMB 8D	08/21/91	Sample valve leaks when in "off" position
AMB 10A	09/23/91	Dry after ~108 gal
	09/24/91	Weakly turbid; very light brown; well installation incomplete
AMB 10B	09/23/91	Well installation incomplete
AMB 11B	09/24/91	Moderately turbid; light brown; well installation incomplete
AMB 13AR	09/23/91	Well installation incomplete
AOB Series		
AOB 3	08/03/91	Dry after 8.5 gal
ARP Series		
ARP 1A	07/27/91	No water in standpipe
	09/18/91	No water in standpipe
ARP 4	07/27/91	No water in standpipe; leaks throughout plumbing
	09/18/91	No water in standpipe
ASB Series		
ASB 1A	07/09/91	No water in standpipe; cannot shut off or control flow of water, sample valve needs replacing
	08/12/91	No water in standpipe
	09/17/91	No water in standpipe
ASB 2A	07/09/91	No well identification sign
ASB 2C	07/09/91	No well identification sign
	09/19/91	No well identification sign
ASB 4	09/06/91	Unable to sample because gate 8 or 8A could not be opened by DOE order
	09/17/91	Access denied by Wackenhut Security
ASB 6TA	07/09/91	Dry after ~3.3 gal
	08/12/91	Dry after 34.5 gal
ASB 8A	07/09/91	Hose leaks, needs clamp
ASB 8TA	07/09/91	Hose leaks, needs clamp
BG Series		
BG 91	08/05/91	Dry after ~12 gal
	08/06/91	Turbidity varied; brown
BG 92	08/05/91	Dry after ~16.3 gal
BG 96	08/02/91	Turbidity varied; light brown
BG 101	08/05/91	Turbidity varied; very light brown
BG 104	08/05/91	Unable to sample, pump would not start; no water in standpipe
BG 108	08/02/91	Unable to sample, pump would not start
BG 109	08/02/91	Unable to sample, pump would not start
BG 110	08/05/91	Dry after ~34.3 gal
BG 121	08/05/91	Strongly turbid; brown

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

Well	Date	Comments
BGO Series		
BGO 1D	07/01/91	Dry after ~5.8 gal
	07/10/91	Dry after ~6 gal
	07/11/91	Turbid; varied from clear to light brown
BGO 3D	07/02/91	Unable to sample, no access
BGO 4D	07/02/91	Unable to sample, no access
BGO 5C	07/03/91	Unable to sample, no access
BGO 5D	07/03/91	Unable to sample, no access
BGO 6D	07/01/91	Dry after ~5.2 gal
	07/10/91	Dry after ~7 gal
BGO 7D	07/02/91	No well identification sign
BGO 8AR	07/03/91	No well identification sign
	07/10/91	No well identification sign
BGO 8C	07/02/91	No well identification sign
	07/10/91	No well identification sign; weakly turbid; varied from clear to light brown
BGO 8D	07/02/91	No well identification sign; weakly turbid; very light brown
BGO 10AR	07/03/91	No well identification sign; well installation incomplete
	08/08/91	No well identification sign
BGO 10C	07/01/91	Dry after ~37.2 gal
	07/02/91	Weakly turbid; light brown; aerated
	07/10/91	Dry after ~37.5 gal
	07/11/91	Aerated
BGO 12AR	07/03/91	No well identification sign; well installation incomplete
	08/08/91	No well identification sign
BGO 12CR	07/03/91	No well identification sign; well installation incomplete
	08/08/91	Dry after ~42 gal
	08/09/91	No well identification sign; aerated
BGO 12D	07/01/91	Dry after ~7.4 gal
	07/10/91	Dry after ~7.5 gal
BGO 13DR	07/03/91	No well identification sign; well installation incomplete
BGO 14AR	07/03/91	No well identification sign; well installation incomplete
	08/08/91	No well identification sign
BGO 14CR	07/03/91	No well identification sign; well installation incomplete
	08/08/91	Dry after ~15.3 gal; no well identification sign; no standpipe cap
BGO 14DR	07/03/91	No well identification sign; weakly turbid; very light brown
	07/10/91	No well identification sign
BGO 16A	08/29/91	Dry after ~ 20.2 gal; aerated
BGO 16D	08/29/91	Pump would not start
BGO 17D	08/29/91	Road over well prevented access
BGO 19D	08/29/91	Unable to sample, well located in a hole with more than a foot of dirt (mud) on top of pad
BGO 20D	08/29/91	Dry after ~8 gal
BGO 21D	08/29/91	Dry after ~8.1 gal; turbidity varied; brown
BGO 23D	08/29/91	Sample valve leaks
BGO 24D	08/29/91	Pump would not start
BGO 25A	07/01/91	Dry after 18.2 gal
	07/10/91	Dry after ~19 gal
BGO 26A	07/01/91	Dry after ~42.7 gal
	07/10/91	Dry after ~42 gal
BGO 26D	07/01/91	Dry after ~7.6 gal
	07/10/91	Dry after ~7.7 gal
	07/11/91	Aerated
BGO 27D	07/01/91	Dry after ~10.9 gal
	07/02/91	Turbid; varied from clear to light brown
	07/11/91	Dry after ~11.3 gal
	07/12/91	Weakly turbid; light brown; aerated
BGO 28D	07/01/91	Dry after ~7.6 gal
	07/02/91	Turbid; brown
	07/11/91	Dry after ~7.6 gal
	07/12/91	Turbid; light brown
BGO 29A	07/01/91	Dry after ~36.3 gal
	07/11/91	Dry after ~37.3 gal
BGO 30C	07/01/91	Dry after ~10 gal
	07/02/91	Well identification sign wrong, reads BGO 30D; weakly turbid; light brown
	07/15/91	Dry after ~21 gal
	07/16/91	Very weakly turbid; very light brown
BGO 30D	07/01/91	Dry after ~20 gal
	07/02/91	Well identification sign wrong, reads BGO 30C
	07/15/91	Dry after ~10.3 gal
	07/16/91	Weakly turbid; light brown
BGO 31C	07/01/91	Dry after ~28.2 gal
	07/02/91	Turbidity varied; brown
	07/15/91	Dry after ~28.1 gal
BGO 31D	07/01/91	Dry after ~8.3 gal
	07/02/91	Weakly turbid; light brown
	07/15/91	Dry after ~8.2 gal
	07/16/91	Turbid; varied from clear to light brown

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

Well	Date	Comments
BGO 32D	07/01/91	Dry after ~6.5 gal
	07/02/91	Weakly turbid; very light brown
	07/15/91	Dry after ~5.8 gal
	07/16/91	Moderately turbid; light brown
BGO 33D	07/01/91	Dry after ~9.7 gal
	07/02/91	Turbid; light brown
	07/15/91	Dry after ~9.6 gal
	07/16/91	Aeration varied
BGO 34D	07/01/91	Dry after ~12.2 gal
	07/02/91	Aerated
	07/15/91	Dry after ~12.3 gal
	07/16/91	Aerated
BGO 35D	07/01/91	Dry after ~9 gal
	07/02/91	Turbid; varied from light brown to medium brown
	07/15/91	Dry after ~9 gal
	07/16/91	Turbidity varied; brown
BGO 36D	07/01/91	Dry after ~7.7 gal
	07/02/91	Turbid; varied from light brown to medium brown
	07/15/91	Dry after ~7.8 gal
	07/16/91	Turbid; light brown
BGO 37D	07/01/91	Dry after ~6.5 gal
	07/02/91	Turbid; light brown
	07/15/91	Dry after ~6.8 gal
	07/16/91	Weakly turbid; light brown
BGO 38D	07/01/91	Dry after ~5.4 gal
	07/02/91	Turbid; varied from clear to medium brown
	07/15/91	Dry after ~5.1 gal
	07/16/91	Weakly turbid; light brown; aerated
BGO 39D	07/01/91	Dry after ~5.2 gal
	07/02/91	Weakly turbid; light brown
	07/15/91	Dry after ~5.3 gal
	07/16/91	Turbid; varied from clear to light brown; aerated
BGO 40D	08/08/91	Dry after ~1 gal
	08/09/91	Turbidity varied; medium brown; aerated
BGO 45A	07/03/91	No well identification sign
	07/11/91	No well identification sign
BGO 45B	07/03/91	Dry after ~39 gal
	07/04/91	No well identification sign
	07/10/91	Dry after ~40 gal
	07/11/91	No well identification sign
BGO 45C	07/03/91	Dry after ~17 gal
	07/04/91	No well identification sign; weakly turbid; light brown
	07/10/91	Dry after ~17.4 gal
	07/11/91	No well identification sign
BGO 45D	07/03/91	No well identification sign
	07/11/91	No well identification sign
BGX Series		
BGX 1A	08/07/91	No well identification sign; above-ground plumbing broken, unable to sample
	09/19/91	Dry after ~10 gal; aerated
BGX 1C	08/07/91	Dry after ~14 gal; no well identification sign
BGX 1D	08/07/91	Dry after ~1.6 gal
	08/08/91	No well identification sign; turbidity varied; brown; aerated
BGX 2B	08/06/91	Dry after ~47.4 gal; no well identification sign
BGX 2D	08/06/91	Dry after ~18.8 gal; no well identification sign
BGX 3D	08/07/91	No well identification sign
BGX 4A	08/09/91	No well identification sign
BGX 4C	08/09/91	No well identification sign
BGX 4D	08/09/91	No well identification sign
BGX 5D	08/07/91	No well identification sign
BGX 6D	08/07/91	No well identification sign; no standpipe cap
BGX 7D	08/07/91	No well identification sign; well installation incomplete
BGX 8D	08/07/91	No well identification sign
BGX 9D	08/09/91	No well identification sign
BGX 10D	08/06/91	Dry after ~3.8 gal
	08/07/91	No well identification sign; turbidity varied; brown; aerated
BGX 12C	08/07/91	No well identification sign
BGX 12D	08/06/91	Dry after ~9 gal; no well identification sign
BRD Series		
BRD 1	08/22/91	Surges slightly
BRD 2	08/22/91	Surges
BRR Series		
BRR 1D	08/25/91	Dry after 7.5 gal
BRR 2D	08/25/91	Dry after 10.9 gal
BRR 3D	08/25/91	Dry after 10.5 gal
BRR 4D	08/26/91	Dry after 9.0 gal
BRR 5D	08/25/91	Dry after 5.8 gal

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

Well	Date	Comments
CCB Series		
CCB 2	08/22/91	Red color
CCB 3	08/22/91	Well badly overgrown
CDB Series		
CDB 1	09/04/91	Dry after 13.5 gal; leaks at gate valve and sampling tee
CDB 2	09/04/91	Dry after 10 gal
CMP Series		
CMP 11	08/19/91	Dry after 12.6 gal
CMP 12	08/19/91	Dry after 18.1 gal
CMP 13	08/19/91	Dry after 7.4 gal
CMP 15B	08/19/91	Dry after 22.5 gal
CMP 15C	08/19/91	Dry after 29.2 gal
CRP Series		
CRP 2	08/22/91	Sample nipple leaks; well overgrown
CSB Series		
CSB 1A	08/25/91	Dry after 7.0 gal
CSB 3A	08/25/91	Dry after 12.0 gal
CSB 4A	08/26/91	Burnt orange; sandy
CSB 5A	08/25/91	Dry after 8.0 gal
CSD Series		
CSD 1D	08/16/91	No well identification sign
CSD 2D	08/15/91	Dry after 2.0 gal; no water in standpipe
CSD 4D	08/15/91	Dry after 15.9 gal; no well identification sign
CSD 8D	08/15/91	No well identification sign
CSD 9D	08/15/91	No well identification sign
CSD 10D	08/15/91	No well identification sign; surges slightly
CSD 11D	08/15/91	Dry after 13.2 gal; no well identification sign
CSD 12D	08/15/91	No well identification sign
CSD 13D	08/15/91	No well identification sign
CSR Series		
CSR 2	08/15/91	Dry after 42.0 gal
DCB Series		
DCB 6	09/10/91	No well identification sign; turbidity varied; brown; surges
DCB 7	09/10/91	No well identification sign; turbidity varied; brown
DCB 8	09/10/91	No well identification sign
DCB 9	09/09/91	No well identification sign; surges
DCB 11	09/09/91	Dry after ~11.7 gal
	09/10/91	Weakly turbid; light brown; aerated
DCB 12	09/09/91	No well identification sign
DCB 13	09/09/91	Dry after ~6.8 gal
	09/10/91	Turbidity varied; light brown
F Series		
F 14	08/21/91	Moderately turbid; orange-brown
F 15	08/22/91	Weakly turbid; brown
F 16	08/21/91	Moderately turbid; orange
F 17	08/21/91	Dry after 4.6 gal
	08/22/91	Very weakly turbid; light brown
F 25	08/22/91	Strongly turbid; orange; sand
FAC Series		
FAC 3	08/27/91	Dry after 4.0 gal
FAC 5	08/27/91	Dry after 13.75 gal
FAC 6	08/27/91	Dry after 4.5 gal
FAC 7	08/27/91	Dry after 7.25 gal
FAC 8	08/27/91	Dry after 30.0 gal
FAL Series		
FAL 1	08/26/91	Dry after ~6.1 gal
FAL 2	08/26/91	Dry after ~3 gal
	08/27/91	Turbidity varied; light brown
FBP Series		
FBP 1A	07/09/91	Nipple leaks in "on" position
FBP 2A	07/09/91	Leaks all along plumbing

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

Well	Date	Comments
FCA Series		
FCA 1N	08/26/91	Dry after ~1.4 gal
	08/27/91	Turbidity varied; light brown
FCA 2C	08/26/91	Dry after ~1.5 gal
	08/27/91	Turbid; light milky white
FCA 2D	08/26/91	Dry after ~4.6 gal
	08/27/91	Turbidity varied; brown
FCA 9B	08/26/91	No well identification sign
FCA 9C	08/26/91	Unable to sample, trash (~2') in well prevented access
FCA 9D	09/10/91	Dry after ~3.25 gal
	09/11/91	Turbidity varied; brown
FCA 10A	08/26/91	Dry after ~4.4 gal
	08/27/91	No well identification sign; turbidity varied; brown
FCA 10B	08/26/91	No well identification sign
FCA 10C	09/10/91	Dry after ~750 mL
	09/11/91	Turbidity varied; brown
FCA 10D	08/26/91	Dry after ~0.3 gal
	08/27/91	Turbid; light brown
FCA 16A	08/26/91	Dry after ~10.2 gal
	08/27/91	No well identification sign; turbidity varied; brown
FCA 16B	08/26/91	Dry after ~2.1 gal
	08/27/91	No well identification sign; turbidity varied; brown
FCA 16D	08/27/91	No well identification sign; construction prevented access, unable to sample
FCA 16T	08/26/91	No well identification sign
FCA 19D	08/26/91	Dry after ~4.7 gal; no well identification sign
FCB Series		
FCB 2	08/23/91	T-joint cracked, sprays when throttled back
FCB 4	08/26/91	Dry after ~12.7 gal
	08/27/91	Weakly turbid; light brown
FCB 5	08/25/91	Dry after 2.2 gal
FCB 6	08/25/91	Dry after 0.6 gal
FET Series		
FET 1D	08/16/91	Dry after ~6.3 gal
FSB Series		
FSB 1TA	07/12/91	No standpipe; no flowmeter, estimated volume purged 900 gal
FSB 78C	07/04/91	Dry after 22.5 gal
	07/11/91	Dry after ~23 gal
	07/16/91	Dry after 22.5 gal
FSB 87B	07/04/91	Leaking at sample nipple
FSB 88D	07/02/91	Dry after 18.0 gal
	07/12/91	Dry after 6.5 gal
FSB 89C	07/15/91	Surges
FSB 90C	07/15/91	Surges
FSB 90D	07/02/91	Dry after 6.4 gal
	07/15/91	Dry after 5.6 gal
	07/23/91	Dry after ~5.6 gal
FSB 91C	07/15/91	Dry after 19.4 gal
FSB 93D	07/15/91	Dry after 6.9 gal
FSB 94C	07/15/91	Dry after 32.6 gal
FSB 97C	07/17/91	Dry after 27.9 gal
FSB 97D	07/17/91	Dry after 3.2 gal
	07/22/91	Dry after ~2.5 gal
FSB 98D	07/17/91	Dry after 10.2 gal
FSB105DR	07/18/91	Throttle valve leaks; surges slightly
FSB106D	07/25/91	Dry after 1.0 gal
FSB108D	07/28/91	Dry after 6.7 gal
FSB110C	07/29/91	Surges
FSB109D	07/28/91	Dry after 9.6 gal
FSB112C	07/28/91	Surges; well is in the middle of deep sandbar
FSB112D	07/28/91	Well is in the middle of deep sandbar
FSB113C	07/11/91	Dry after 30.2 gal
FSB114A	07/10/91	Access road washed out, unable to sample
	09/12/91	Well pad covered with sand, gravel, and fallen tree limb
FSB114C	07/10/91	Access road washed out, unable to sample
	09/12/91	Pad covered with sand and gravel
FSB114D	07/10/91	Access road washed out, unable to sample
	09/12/91	Pad covered with sand, gravel, and limbs
FSB115C	07/11/91	Dry after 11.25 gal
FSB116D	07/11/91	Dry after 1.9 gal
FSB119D	07/29/91	Light orange, muddy color; surges badly
FSB120D	07/28/91	Dry after 6.8 gal
FSS Series		
FSS 1D	08/21/91	Dry after ~5.4 gal
	08/22/91	Turbidity varied; brown
FSS 2D	08/21/91	Dry after ~11.2 gal
	08/22/91	Turbidity varied; brown

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

Well	Date	Comments
FSS 3D	08/21/91	Dry after ~10.6 gal
	08/22/91	Turbidity varied; light brown to clear; aerated
FSS 4D	08/21/91	Dry after ~10.6 gal
	08/22/91	Weakly turbid; light brown
GBW Series		
GBW 1	09/03/91	Dry after ~14.7 gal
H Series		
H 14	09/12/91	Turbid; brown
H 16	09/12/91	Turbid; brown
H 17	09/12/91	Dry after 1 gal
	09/13/91	Strongly turbid; brown
H 18A	09/12/91	Well wrongly identified as H 18
HAC Series		
HAC 2	08/21/91	Dry after ~6.7 gal; turbidity varied; light brown
HAC 3	08/21/91	Dry after ~9.4 gal
HAP Series		
HAP 1	08/14/91	No standpipe cap
HCA Series		
HCA 1	08/21/91	Dry after ~14.3 gal
HCA 2	08/21/91	Turbidity varied; clear to light brown; aerated
HCA 3	08/21/91	Dry after ~11.6 gal; aerated
HCB Series		
HCB 1	08/14/91	Standing water surrounds well
HCB 2	08/14/91	Standing water on two sides of well
HCB 4	08/14/91	Weakly turbid; brown
HET Series		
HET 1D	08/21/91	Dry after ~17.2 gal; no standpipe cap
HET 2D	08/21/91	Dry after ~11.5 gal
HET 3D	08/21/91	Dry after ~12.3 gal
HET 4D	08/21/91	Dry after ~16 gal; turbid; light brown
HMD Series		
HMD 1D	08/05/91	Dry after ~4.6 gal
	08/06/91	No well identification sign; turbidity varied; brown
HMD 2D	08/05/91	No well identification sign
HMD 3D	08/05/91	No well identification sign; turbidity varied; light brown; surges
HMD 4D	08/05/91	Dry after ~6.6 gal
	08/06/91	No well identification sign; turbidity varied; brown
HR8 Series		
HR8 13	08/16/91	Weakly turbid; very light brown
HR8 14	08/16/91	Unable to sample, well located inside RCA, no entry allowed at this time
HSB Series		
HSB 1TB	07/26/91	Unable to measure water level, no standpipe; no well identification sign; no flowmeter, estimated volume purged
HSB 68	07/30/91	Turbidity varied; brown
HSB 68B	07/30/91	Dry after ~50 gal
	07/31/91	Turbidity varied; light brown
HSB 68C	07/30/91	Dry after ~18 gal
HSB 70C	07/30/91	Dry after ~27.4 gal
HSB 71C	07/31/91	Dry after ~23 gal
HSB 84C	07/22/91	Dry after ~15 gal; aerated
HSB 85B	07/04/91	Dry after ~46 gal
	07/25/91	Dry after ~47.2 gal
HSB102D	07/22/91	Dry after ~6 gal
	07/23/91	Weakly turbid; light brown
	07/25/91	Dry after ~6 gal; turbidity varied; brown
HSB103C	07/17/91	Leaks at T-joint
HSB103D	07/03/91	Turbid; varied from brown to clear
	07/17/91	Weakly turbid; very light brown
HSB104D	07/17/91	T-joint and flowmeter leak
	07/23/91	T-joint and flowmeter leak
HSB105D	07/03/91	Sample valve leaks
	07/17/91	Sample valve leaks
	07/23/91	Sample valve leaks
HSB111E	07/05/91	Weakly turbid; light brown

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

Well	Date	Comments
HSB112E	07/29/91	Dry after ~2.3 gal
	07/20/91	Turbid; light brown
HSB114D	07/18/91	Weakly turbid; light brown
HSB115D	07/29/91	Dry after ~4 gal
	07/30/91	Turbidity varied; brown
HSB116C	07/29/91	Sample valve leaks
HSB124A	08/05/91	Dry after ~41 gal
HSB126C	07/26/91	Access road washed out, unable to sample
	09/12/91	Well pad covered with dirt
HSB126D	07/26/91	Access road washed out, unable to sample
	09/12/91	Dry after ~7 gal
HSB135C	07/18/91	Moderately turbid; light brown
HSB136D	07/22/91	T-joint leaks
HSB137D	07/12/91	Surges
HSB139C	07/31/91	Dry after ~27 gal
HSB139D	07/05/91	Sample valve leaks
	07/31/91	Sample valve leaks
HSB141A	07/31/91	Pump would not start
HSB141C	08/05/91	Dry after ~41.6 gal
HSB141D	08/05/91	Dry after ~20.2 gal
HSB142D	08/01/91	Dry after ~18 gal
HSB143D	07/29/91	Weakly turbid; very light brown
HSB146C	07/19/91	Very weakly turbid; very light brown
HSB146D	07/19/91	Weakly turbid; very light brown
HSB147D	08/05/91	Dry after ~12.1 gal
	08/06/91	Standing water surrounds well; aerated
HSB148C	08/05/91	Dry after ~21.5 gal
HSB148D	08/06/91	Dry after ~7.2 gal
HSB149D	07/22/91	Weakly turbid; very light brown
HSB152D	07/31/91	Dry after ~7.5 gal
	08/01/91	Turbidity varied; brown; aerated
HSS Series		
HSS 1D	08/14/91	Dry after ~25.4 gal
HSS 3D	08/14/91	Turbid; brown
HTF Series		
HTF 5	07/23/91	Unable to sample, pump in well but inoperable
HTF 6	07/23/91	Unable to sample, pump in well but inoperable
HTF 8	07/23/91	Unable to sample, pump in well but inoperable
HTF 14	07/23/91	Unable to sample, construction in area
HTF 34	07/23/91	Unable to sample, pump in well but inoperable
HWS Series		
HWS 1A	08/15/91	Dry after 3.2 gal
HWS 2	08/15/91	Well surrounded by standing water about 8" deep
HXB Series		
HXB 4D	08/15/91	Dry after 10.5 gal; no well identification sign
HXB 5D	08/15/91	Dry after 10.2 gal
IDB Series		
IDB 1A	09/04/91	Dry after ~20 gal
	09/05/91	No dedicated flowmeter, used portable meter
IDB 1B	09/04/91	Dry after ~23 gal
	09/05/91	No dedicated flowmeter, used portable meter; weakly turbid; light brown
IDB 2A	09/05/91	No standpipe cap
IDB 3	09/04/91	Dry after ~3.6 gal
	09/05/91	No standpipe cap; aerated
IDB 4	09/04/91	No standpipe cap
IDB 5	09/05/91	Turbidity varied; brown
IDB 7	09/05/91	No standpipe cap
IDB 8	09/05/91	No standpipe cap
IDB 9	09/05/91	No well identification sign
IDP Series		
IDP 3C	09/05/91	Dry after 13.6 gal
IDP 4	09/05/91	Dry after 3.25 gal
IDQ Series		
IDQ 2	09/05/91	Dry after 25.7 gal
IDQ 3B	09/09/91	Surges badly
IDQ 3C	09/09/91	Dry after 11.0 gal
IDQ 4	09/09/91	Surges
IDQ 5	09/05/91	Dry after 3.1 gal
IDQ 6	09/05/91	Dry after 7.2 gal
IDQ 7	09/05/91	Dry after 4.9 gal
IDQ 10	09/05/91	Dry after 8.0 gal

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

Well	Date	Comments
KAB Series		
KAB 1	08/30/91	Dry after ~18.4 gal; gate valve leaks
KAB 3	08/30/91	Weakly turbid; light brown
KAC Series		
KAC 5	08/14/91	Surges
KAC 6	08/14/91	Dry after 11.0 gal
KAC 7	08/14/91	Dry after 9.2 gal
KCB Series		
KCB 4	08/30/91	Dirt road cut through well location, unable to sample
KDB Series		
KDB 1	09/04/91	Dry after 16 gal
KDB 2	09/04/91	Leaks (sprays) at sampling tee
KDB 3	09/04/91	Dry after 19 gal; leaks (sprays) at sampling tee
KDT Series		
KDT 1D	09/04/91	Dry after 12 gal
KRP Series		
KRP 1	08/30/91	Surges; aerated
KRP 3	08/30/91	Weakly turbid; very light brown; surges
KRP 4	08/30/91	T-joint leaks
KSB Series		
K 301P	08/20/91	Moderately turbid; light brown
KSB 1	08/20/91	Weakly turbid; light brown
KSB 4A	08/20/91	Moderately turbid; brown
KSS Series		
KSS 1D	08/30/91	Weakly turbid; light brown
KSS 2D	08/30/91	Flowmeter did not work, estimated volume purged; weakly turbid; light brown
LCO Series		
LCO 4	09/04/91	Well identification sign incorrectly marked LOC 4
LDB Series		
LDB 1	09/05/91	Dry after 22 gal; leaks at elbow, sampling tee, and gate valve
LDB 2	09/05/91	Dry after 22 gal; leaks at elbow and flowmeter
LFW Series		
LFW 6	08/13/91	Weak odor
LFW 8	08/14/91	Odor
LFW 7	08/13/91	Odor
LFW 10A	08/15/91	Turbidity varied; brown
LFW 16	08/13/91	Moderately turbid; brown
LFW 17	08/13/91	Odor
LFW 18	08/13/91	Odor
LFW 21	08/14/91	Odor
LFW 22	08/15/91	Weakly turbid; light brown; odor
LFW 23	08/14/91	Weak odor
LFW 28	08/15/91	Dry after ~15.2 gal
LFW 36	08/15/91	Well pad covered with dirt; odor
LFW 42	08/26/91	Dirt covers well pad
LFW 43B	09/02/91	No well identification sign
LFW 43C	09/02/91	No well identification sign
LFW 43D	09/02/91	No well identification sign
LFW 44D	09/02/91	No well identification sign
LFW 45D	09/02/91	No well identification sign
LFW 46D	09/02/91	No well identification sign
LFW 47C	09/02/91	No well identification sign
LFW 47D	09/02/91	No well identification sign
LFW 48C	09/02/91	No well identification sign
LFW 48D	09/02/91	No well identification sign; very weakly turbid; very light brown; weak odor
LFW 55C	09/03/91	No well identification sign
LFW 55D	09/03/91	No well identification sign
LFW 56D	09/03/91	No well identification sign; very weakly turbid; very light brown; weak odor
LFW 57B	09/03/91	No well identification sign
LFW 57C	09/03/91	No well identification sign
LFW 57D	09/03/91	No well identification sign; very weakly turbid; very light brown

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

Well	Date	Comments
LFW 58D	09/03/91	No well identification sign
LFW 59B	09/04/91	No well identification sign
LFW 59C	09/04/91	No well identification sign
LFW 59D	09/04/91	No well identification sign
LFW 60D	09/04/91	Dry after ~14 gal
	09/05/91	Weakly turbid; very light brown; aerated
LFW 61C	09/04/91	No well identification sign; turbidity varied; brown
LFW 61D	09/04/91	No well identification sign
LFW 62B	09/04/91	No well identification sign
LFW 62C	09/04/91	No well identification sign
LFW 62D	09/04/91	Dry after ~11.4 gal
	09/05/91	Turbidity varied; brown; aerated; elbow leaks
LRP Series		
LRP 2	09/04/91	Throttle valve is split, leaks
LSB Series		
LSB 2	09/04/91	Surges
MCB Series		
MCB 2	08/13/91	Dry after 11.0 gal
MCB 4	08/13/91	Dry after 4.0 gal
MCB 5C	08/13/91	Dry after 7.0 gal
MCB 6	08/13/91	Dry after 3.4 gal
MSB Series		
MSB 1C	07/27/91	Dry after 26.5 gal
MSB 1CC	07/27/91	Dry after 13 gal
MSB 2B	08/03/91	Dry after 28.5 gal
MSB 2C	08/03/91	Dry after 7.5 gal
MSB 2D	08/02/91	No well identification sign
	09/18/91	No well identification sign
MSB 3C	08/03/91	Dry after 10.5 gal
MSB 3D	09/24/91	Collected only DNAPL samples
MSB 4C	08/03/91	Dry after 22 gal
MSB 5B	08/03/91	Estimated 60 gal purged prior to flowmeter working (flowmeter was stuck)
MSB 5C	08/03/91	Dry after 15.5 gal
MSB 6C	08/03/91	Dry after 12.5 gal
MSB 7B	08/03/91	Dry after 33 gal
MSB 7C	08/03/91	Dry after 8 gal
MSB 8A	09/18/91	No water in standpipe
MSB 12D	09/18/91	No water in standpipe
MSB 13B	08/03/91	Dry after ~0.5 gal on 5/22/91; all that was pumped on 08/03/91 was collected
MSB 13CC	08/03/91	Dry after 10.5 gal
MSB 13D	08/03/91	Dry after 8 gal
	08/04/91	Weakly turbid; light brown
MSB 14C	09/18/91	No water in standpipe
MSB 18B	07/16/91	Weakly turbid; brown
MSB 18C	07/16/91	Dry after 4 gal
MSB 20C	07/04/91	Dry after 2 gal; no water in standpipe; leaks and sprays at gate valve and sampling tee connection
	09/17/91	No water in standpipe
MSB 22	09/18/91	No water in standpipe
MSB 23	09/18/91	No water in standpipe
MSB 23TA	08/14/91	Sample collected at zero, first, second, third, and fourth well volumes; weakly turbid; brown
MSB 25	09/18/91	No water in standpipe
MSB 26	09/17/91	No water in standpipe
MSB 30AA	07/04/91	Dry after 69 gal
MSB 34C	08/05/91	No water in standpipe
	09/17/91	No water in standpipe
MSB 35D	09/16/91	No water in standpipe
MSB 36D	07/31/91	Dry after 2.8 gal
	09/16/91	No water in standpipe
MSB 37A	07/31/91	Dry after 80 gal; flowmeter broken, estimated volume purged
MSB 37D	07/08/91	No pump, removed and not replaced
MSB 38D	09/16/91	No water in standpipe
MSB 39A	07/30/91	Dry after 70 gal
MSB 40A	07/30/91	Flowmeter not working, estimated volume purged; well overgrown
MSB 40C	07/30/91	No water in standpipe; surges badly; well overgrown
	09/16/91	No water in standpipe
MSB 40D	07/30/91	Dry after 1.0 gal; no water in standpipe; well overgrown
MSB 40TA	07/30/91	Well overgrown
MSB 41D	09/16/91	No water in standpipe
MSB 43A	08/08/91	Protective casing lid not secure, not hinged
MSB 43DD	09/17/91	No well identification sign

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

Well	Date	Comments
MSB 43TA	08/08/91	10-gallon column on flowmeter stuck, estimated volume purged
MSB 46A	08/05/91	Dry after 46.8 gal
MSB 46B	08/05/91	No water in standpipe
	09/17/91	No water in standpipe
MSB 47D	08/05/91	Flowmeter not working properly, estimated volume purged
MSB 48C	09/17/91	No well identification sign
MSB 48D	08/07/91	Did not pump water to surface
MSB 49D	08/05/91	Dry after 6.5 gal
MSB 51D	07/26/91	Dry after 7.3 gal
MSB 52D	08/07/91	Dry after 2.8 gal
MSB 55D	07/05/91	No water in standpipe; aerated
	08/07/91	No water in standpipe
	09/17/91	No water in standpipe
MSB 57D	08/10/91	Dry after 12 gal
	08/11/91	Turbid; light brown
MSB 58D	08/10/91	Dry after 6.5 gal
	08/11/91	Turbid; light brown
MSB 59D	08/07/91	Weakly turbid; light brown
MSB 61D	07/26/91	Dry after 14.5 gal
MSB 62D	08/10/91	Dry after 3.4 gal
MSB 63D	08/10/91	Dry after 7 gal
	08/11/91	Weakly turbid; light brown
MSB 65D	07/08/91	Dry after 1 gal
MSB 66D	07/05/91	Pump did not work, hose needs to be attached to flowmeter
MSB 69C	07/05/91	Dry after 30 gal
MSB 69TA	07/05/91	Weakly turbid; tan
MSB 70D	08/07/91	Dry after 2.0 gal
MSB 71B	07/05/91	Dry after 42 gal
MSB 73B	07/31/91	Surges
MSB 74C	07/27/91	Dry after 15 gal
MSB 74D	07/27/91	Dry after 8 gal
	07/28/91	Weakly turbid; light brown
MSB 75B	07/27/91	No well identification sign
MSB 75C	07/27/91	Dry after 3.7 gal
MSB 77D	07/26/91	Dry after 9.6 gal
MSB 77TA	07/26/91	Dry after 62.0 gal
MSB 78D	07/30/91	No well identification sign; pump would not start
MSB 79B	07/30/91	Dry after 39.6 gal
MSB 79C	07/30/91	Dry after 5.3 gal
MSB 82A	08/07/91	Dry after 28.5 gal
MSB 82D	08/08/91	Surges very badly
MSB 83D	08/08/91	Dry after 6.3 gal; well is in the middle of a huge pool of water
MSB 85D	08/09/91	Surges badly
MSB 85TA	08/09/91	Dry after 27.3 gal
NBG Series		
NBG 1	08/26/91	Dry after ~10 gal
	08/27/91	Turbidity varied; light brown
NBG 2	08/26/91	Dry after ~13.2 gal
	08/27/91	Weakly turbid; light brown
NBG 3	08/26/91	Dry after ~9 gal
	08/27/91	Weakly turbid; light brown
NBG 4	08/26/91	Dry after ~9.8 gal
NBG 5	08/26/91	Dry after ~15.2 gal; flowmeter leaks (bottom plug)
PAC Series		
PAC 5	08/29/91	Dry after 20.5 gal
PAC 6	08/30/91	Surges after 3 well volumes
PCB Series		
PCB 4A	08/20/91	Hose leaks at flowmeter connection; weakly turbid; very light brown
PDB Series		
PDB 2	09/05/91	Aerated
PRP Series		
PRP 2	08/19/91	Hose to flowmeter connection leaks; no standpipe cap; weakly turbid; light red-brown
PSB Series		
PSB 2A	08/19/91	Very weakly turbid; very light brown
PSB 3A	08/19/91	Weakly turbid; light brown
PSB 5A	08/19/91	Dry after ~20.7 gal; T-joint leaks
PSB 6A	08/16/91	T-joint leaks
PSS Series		
PSS 3D	08/20/91	Dry after ~12.8 gal; weakly turbid; light brown

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

Well	Date	Comments
RAC Series		
RAC 1	09/10/91	Surges slightly; leaking and spraying badly where sample valve connects to T-joint
RAC 4	09/10/91	Sample valve handle broken off in the "on" position
RDB Series		
RDB 1D	09/11/91	Surges
RDB 2D	09/11/91	Surges
RRP Series		
RRP 2	09/10/91	Leaks at sample valve when throttled back
RSE Series		
RSE 12	09/23/91	Puller stuck in well, unable to sample
RSE 24	09/11/91	No well identification sign; surges
RSE 25	09/11/91	No well identification sign; surges badly
RSF Series		
RSF 1	09/06/91	No well identification sign
RSF 2	09/06/91	No well identification sign; T-joint and discharge hose leaks (sprays)
RSF 3	09/06/91	No well identification sign
RWM Series		
RWM 1	07/10/91	Aerated
	08/06/91	No water in standpipe; aerated
	08/13/91	No water in standpipe; aerated
	09/11/91	No water in standpipe; aerated
RWM 2	09/11/91	Aerated
	09/13/91	Aerated
SBG Series		
SBG 1	08/22/91	Sample valve leaks
SCA Series		
SCA 3	08/22/91	Dry after ~12.9 gal
	08/23/91	Turbidity varied; brown; aerated
SCA 3A	08/22/91	Dry after ~4.3 gal
	08/23/91	Turbidity varied; brown
SCA 4	08/22/91	Dry after ~9.4 gal
	08/23/91	Turbidity varied; brown; aerated
SCA 4A	08/22/91	Dry after ~3.5 gal
	08/23/91	Turbidity varied; brown
SCA 5	08/22/91	Pump would not start
	09/19/91	Dry after ~15 gal; turbidity varied; brown
SCA 6	08/22/91	Dry after ~13.4 gal
	08/23/91	Turbidity varied; brown
SLP Series		
SLP 1	08/22/91	Dry after ~6.8 gal
	08/23/91	Weakly turbid; light brown
SRW Series		
SRW 1	07/06/91	Bad pump removed, has not been replaced
SRW 2	07/23/91	Leaks (sprays) from cracked sampling tee; aerated
SRW 2A	07/23/91	Leaks at sampling tee and elbow
SRW 2B	07/23/91	Leaks at sampling tee
SRW 4	09/18/91	No water in standpipe
SRW 6	07/24/91	Leaks (sprays ~12') from elbow (cracked)
SRW 8	07/23/91	Aerated
SRW 10	07/26/91	Discharge hose sprays at flowmeter; no water in standpipe
	09/18/91	No water in standpipe
SRW 12C	07/06/91	Weakly turbid; tan; sand
	07/24/91	Weakly turbid; light brown
SRW 13C	07/06/91	Leaks (sprays) from flowmeter connector (discharge side)
	07/23/91	Sprays at flowmeter connector
SRW 14B	07/23/91	Coupling at well seal cracked and leaks

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

Well	Date	Comments
SRW 14C	07/06/91	No water in standpipe; leaks between elbow and sampling tee
	07/23/91	Leaks at sampling tee; no water in standpipe
	09/18/91	No water in standpipe
SRW 15A	07/23/91	Leaks at T-joint
SRW 16A	07/06/91	Dry after 24 gal
	07/26/91	Dry after 24 gal; very weakly turbid; light brown
SRW 16C	07/26/91	Sample nipple broken off
SSS Series		
SSS 1	08/16/91	Moderately turbid; light brown
SSS 2	08/16/91	No well identification sign; weakly turbid; light brown
SSS 3	08/16/91	No well identification sign; strongly turbid; light brown
SSS 4	08/20/91	Strongly turbid; orange-brown
SSS 5	08/20/91	Moderately turbid; light brown
SSS 6	08/20/91	Moderately turbid; orange-brown
SSS 7	07/17/91	Access washed out, unable to sample
SSS 8	07/17/91	Access washed out, unable to sample
SSS 9	07/17/91	Access washed out, unable to sample
SSS 10	08/19/91	Moderately turbid; light brown; sand
SSS 11	08/19/91	Strongly turbid; brown; sand
SSS 12	08/19/91	No vehicle and equipment access, road needed
SSS 17	08/16/91	Moderately turbid; orange-brown
SSS 19	08/20/91	Weakly turbid; light brown
SSS 20	08/20/91	Dry after 1 L; moderately turbid; orange-brown
SSS 21	08/20/91	Dry after 3 L; moderately turbid; orange-brown
SSS 22	08/15/91	Moderately turbid; tan
SSS 23	08/15/91	Moderately turbid; orange-brown
SSS 24	08/15/91	Moderately turbid; orange; sand
SSS 25	08/16/91	Weakly turbid; tan
SSS 26	08/16/91	Moderately turbid; tan
SSS 27	08/16/91	No well identification sign; weakly turbid; light brown
TBG Series		
TBG 1	07/08/91	Leaks at hose clamp
	09/09/91	Well wrongly identified as TBG 1D on sign; sample nipple broken off
TBG 3	07/08/91	Dry after ~9 gal
	09/03/91	Dry after 9.4 gal; well wrongly identified as TBG 3D
TBG 5A	09/03/91	Surges
TBG 7	09/03/91	Well wrongly identified as TBG 7D
TNX Series		
TNX 1D	07/08/91	Surges
	09/03/91	Surges
TNX 2D	07/08/91	Surges badly
	09/03/91	Surges
TNX 3D	07/08/91	Dry after 7.5 gal
	09/03/91	Dry after 7.7 gal
TNX 4D	07/08/91	Dry after 8.6 gal
	09/03/91	Dry after 9.2 gal
TNX 5D	07/08/91	Dry after 8.0 gal
	09/03/91	Dry after 8.2 gal
TNX 6D	07/08/91	Dry after 7.4 gal
	09/03/91	Dry after 6.5 gal
TNX 7D	07/08/91	Surges badly
	09/02/91	Surges badly
TNX 8D	09/03/91	Pad under 4" of water
TNX 12D	07/08/91	Nipple leaks while in "off" position
XSB Series		
XSB 1A	07/08/91	Hose and gate valve leak
XSB 2D	07/08/91	Dry after ~7.5 gal
	09/02/91	Dry after 7.6 gal
YSC Series		
YSC 1A	08/22/91	No well identification sign; well hit by lightning, unable to sample
YSC 1C	08/23/91	No well identification sign
YSC 2A	08/23/91	No well identification sign
YSC 2D	08/22/91	No well identification sign; tree fell and broke above-ground plumbing, unable to sample

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

Well	Date	Comments	Well	Date	Comments
ZBG Series			**ZDT Series**		
ZBG 1A	08/22/91	Dry after ~3.3 gal	ZDT 1	08/14/91	No standpipe cap
			ZDT 2	08/14/91	No standpipe cap

7. ANALYTICAL DATA REVIEW

Sample analyses performed for EPD/EMS during third quarter 1991 were conducted by EPA-approved methods except as noted in Table 12 on page 66.

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-dichloroethylene, 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. Due to laboratory error, those results were not available in time for review or publication in this report.

- When GE experienced instrument problems during third quarter, Lancaster Laboratories (LC) of Lancaster, PA and a division of Lancaster, Mountain States Analytical (MS) of Salt Lake City, UT, performed some analyses.

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 sections 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.

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

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

Specific details concerning the corrections can be found in the *EMS Groundwater Monitoring Program Changes to the Database Log Book*, where the corrections are also recorded.

ANALYTICAL DATA REVIEW

Review of General Engineering Analytical Data

Samples from the following 21 wells were analyzed after the 48-hour holding time for nitrate as nitrogen because the laboratory received the samples after the holding time expired.

BGO 28D	FSB 98D	HSB 86C	HSB114C	HSB137C
FSB 77	FSB104D	HSB 86D	HSB114D	
FSB 79	FSB105C	HSB112E	HSB115D	
FSB 79C	FSB105DR	HSB113D	HSB127D	
FSB 97D	HSB 68	HSB114A	HSB129D	

Samples from the following 24 wells were analyzed after the 48-hour holding time for total phosphates as phosphorus because the laboratory received the samples after the holding time expired.

BGO 28D	FSB 97D	FSB105DR	HSB114C	KDB 1
CDB 2	FSB 98C	HSB 86C	HSB114D	KDB 2
FSB 77	FSB 98D	HSB 86D	HSB127D	KDT 1D
FSB 79	FSB104D	HSB113D	HSB137C	LCO 1
FSB 79C	FSB105C	HSB114A	HSB137D	

Samples from the following 106 wells were analyzed past the 48-hour holding time for nitrate as nitrogen, although the laboratory received the samples before the holding time expired.

905103F	BGX 1C	FSB112C	HSB102D	HSB151C
AMB 4	BGX 1D	FSB112D	HSB104D	IDP 6
AMB 6	FAC 7	FSB117D	HSB105D	MSB 4B
AMB 7	FSB 78	FSB119D	HSB106D	MSB 4D
ABP 3	FSB 78C	FSB120C	HSB107D	MSB 5A
ABP 3C	FSB 87C	FSB122C	HSB108D	MSB 5B
BG 54	FSB 90D	FSS 1D	HSB111C	MSB 6A
BG 55	FSB 91C	FSS 4D	HSB111D	MSB 6B
BG 59	FSB 91D	HAC 3	HSB112C	MSB 8C
BG 60	FSB 92D	HTF 2	HSB115C	MSB 13A
BG 61	FSB 93D	HTF 3	HSB116C	MSB 13B
BG 93	FSB 94C	HTF 4	HSB116D	NBG 1
BG 94	FSB 94DR	HTF 7	HSB117C	RSA 10
BG 96	FSB 95CR	HSB 67	HSB125D	RSB 7
BG 103	FSB 95DR	HSB 69	HSB129C	RSD 1
BG 107	FSB 97C	HSB 70C	HSB135D	RSE 9
BG 122	FSB 99C	HSB 71C	HSB136C	RSE 10
BGO 23D	FSB104C	HSB 83D	HSB136D	SCA 5
BGO 30D	FSB106C	HSB 85A	HSB139C	
BGO 32D	FSB106D	HSB 85C	HSB141A	
BGO 33C	FSB107C	HSB101D	HSB145C	
BGX 1A	FSB110D	HSB102C	HSB145D	

Samples from the following 254 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.

ABP 8C	BG 94	BG 122	CSD 12D	DCB 6
ARP 1A	BG 95	BGO 30D	CSD 13D	DCB 7
ARP 4	BG 96	BGO 32D	DCB 2A	DCB 8
BG 91	BG 103	BGO 33C	DCB 3A	DCB 9
BG 92	BG 107	BGX 2B	DCB 4A	DCB 10
BG 93	BG 110	CSD 11D	DCB 5A	DCB 11

DCB 12	HSB 66	HSB142C	LFW 34	MSB 54D
DCB 13	HSB 67	HSB145C	LFW 35	MSB 54TA
DCB 15	HSB 68A	HSB145D	LFW 36	MSB 70D
DCB 16	HSB 68B	HSB146A	LFW 37	MSB 75B
FCA 9D	HSB 68C	HSB146C	LFW 60D	MSB 75C
FET 1D	HSB 69	HSB146D	LFW 62D	MSB 77B
FET 2D	HSB 69A	HSB150D	MSB 4B	MSB 77C
FET 3D	HSB 70	HSB151D	MSB 4D	MSB 77D
FET 4D	HSB 83D	HSB152C	MSB 5A	MSB 77TA
FSB 78	HSB 84A(R)	IDB 1A	MSB 5B	MSB 79B
FSB 78B	HSB101D	IDB 1B	MSB 6A	MSB 79C
FSB 78C	HSB102D	IDB 2A	MSB 6B	MSB 81B
FSB 90D	HSB103C	IDB 2B	MSB 6C	MSB 82B
FSB 91C	HSB103D	IDB 2C	MSB 11A	MSB 82D
FSB 91D	HSB104C	IDB 3	MSB 11B	PDB 2
FSB 92D	HSB104D	IDB 6	MSB 12TA	RAC 1
FSB 93D	HSB105D	IDB 7	MSB 12TB	RAC 2
FSB 94C	HSB106D	IDB 8	MSB 13A	RAC 3
FSB 94DR	HSB107D	IDB 9	MSB 13B	RAC 4
FSB 95CR	HSB108D	IDP 1	MSB 19A	RDB 1D
FSB 95DR	HSB109D	IDP 2	MSB 19B	RDB 2D
FSB 97C	HSB110C	IDP 3A	MSB 19C	RDB 3D
FSB 99C	HSB111C	IDP 3B	MSB 21B	RRP 1
FSB100A	HSB111D	IDP 3C	MSB 21C	RRP 2
FSB101A	HSB112C	IDP 5	MSB 21TA	RRP 3
FSB106C	HSB112D	IDP 6	MSB 31A	RRP 4
FSB110C	HSB115C	IDP 7	MSB 31B	RSE 24
FSB110D	HSB116D	IDP 8	MSB 33A	RSE 25
FSB112A	HSB117A	IDP 9	MSB 33B	RSF 1
FSB112C	HSB117D	IDQ 3A	MSB 36A	RSF 2
FSB117D	HSB120A	IDQ 3B	MSB 36C	RSF 3
FSB118D	HSB125D	IDQ 3C	MSB 36D	RWM 1
FSB119D	HSB127C	IDQ 4	MSB 36TA	SCA 1
FSB120A	HSB130D	IDQ 5	MSB 37B	SCA 2
FSB120C	HSB131C	IDQ 6	MSB 40C	SRW 5
FSB121C	HSB131D	IDQ 7	MSB 40D	SRW 8
FSB122C	HSB135C	IDQ 12	MSB 43A	SRW 10
FSB123C	HSB136C	LFW 10A(R)	MSB 43B	SRW 11
FSB123D	HSB136D	LFW 22	MSB 43D	SRW 16A
HMD 1D	HSB138D	LFW 24	MSB 43TA	SRW 16B
HMD 4D	HSB139A	LFW 29	MSB 45B	SRW 16C
HR3 11	HSB139D	LFW 30	MSB 46A	SSS 2
HR3 13	HSB140A	LFW 31	MSB 49B	SSS 3
HR8 11	HSB140C	LFW 32	MSB 49D	TBG 1
HSB 1TB	HSB140D	LFW 33	MSB 53C	

The sample from FSB112C was analyzed past the 28-day holding time for total organic carbon, although the laboratory received the sample before the holding time expired.

Samples from the following 312 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 8C	AC 3A	AOB 2	BGO 6A	BGO 20D
AC 1A	AC 3B	AOB 3	BGO 6D	BGO 21D
AC 1B	AMB 9D	ARP 1A	BGO 16A	BGO 22D
AC 2A	AMB 12D	ARP 2	BGO 18A	BGO 23D
AC 2B	AOB 1	ARP 4	BGO 18D	BGO 25A

ANALYTICAL DATA REVIEW

BGO 26D
BGO 27C
BGO 27D
BGO 28D
BGO 29A
BGO 30C
BGO 30D
BGO 31C
BGO 31D
BGO 32D
BGO 33C
BGO 34D
BGO 35C
BGO 35D
BGO 36D
BGO 37D
BGO 38D
BGO 39D
BGO 45A
BGO 45B
BGO 45C
BGO 45D
BGX 1C
BGX 1D
BGX 2B
BGX 2D
BGX 3D
BGX 4A
BGX 4C
BGX 4D
BGX 5D
BGX 6D
BGX 8D
BGX 9D
BGX 10D
BGX 12C
BGX 12D
CSB 3A
CSB 4A
CSB 5A
FSB 1TA
FSB 76
FSB 76B(R)
FSB 77
FSB 78
FSB 78A
FSB 78C
FSB 79
FSB 79A
FSB 79C
FSB 87
FSB 87A
FSB 87B
FSB 87C
FSB 88C
FSB 88D
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 96AR
FSB 97C
FSB 97D
FSB 98C
FSB 98D
FSB 99C
FSB102C
FSB103C
FSB104D
FSB105C
FSB105DR
FSB106C
FSB106D
FSB107C
FSB107D
FSB110D
FSB112A
FSB112C
FSB117D
FSB119D
FSB120A
FSB122C
FSB122D
FSS 2D
HMD 1D
HMD 2D
HMD 3D
HMD 4D
HSB 1TB
HSB 65
HSB 65A
HSB 65B
HSB 65C
HSB 66
HSB 67
HSB 68
HSB 68C
HSB 69
HSB 69A
HSB 70C
HSB 71
HSB 71C
HSB 83B
HSB 83C
HSB 83D
HSB 84A
HSB 84B
HSB 84C
HSB 84D
HSB 85B
HSB 86C
HSB 86D
HSB100C
HSB100D
HSB101C
HSB101D
HSB102D
HSB103D
HSB104C
HSB104D
HSB105D
HSB106C
HSB106D
HSB107C
HSB108C
HSB108D
HSB109D
HSB110D
HSB111C
HSB111D
HSB111E
HSB112C
HSB112D
HSB112E
HSB113D
HSB114A
HSB114C
HSB114D
HSB115D
HSB116C
HSB116D
HSB117A
HSB117C
HSB117D
HSB119A
HSB122A
HSB123A
HSB124A
HSB125D
HSB127C
HSB127D
HSB129C
HSB129D
HSB130C
HSB130D
HSB133C
HSB133D
HSB134D
HSB136C
HSB136D
HSB137C
HSB137D
HSB138D
HSB139C
HSB139D
HSB141C
HSB141D
HSB145C
HSB145D
HSB146D
HSB147D
HSB148C
HSB148D
HSB149D
HSB151C
HSB151D
HSB152C
KAC 3
KAC 4
KAC 5
LAC 2
LFW 8
LFW 10A
MCB 6C(R)
MSB 1B
MSB 1C
MSB 1CC
MSB 1D
MSB 2B
MSB 2C
MSB 3C
MSB 4B
MSB 4C
MSB 5C
MSB 6B
MSB 7C
MSB 8B
MSB 8C
MSB 11A
MSB 11B
MSB 12TA
MSB 12TB
MSB 13CC
MSB 13D
MSB 14B
MSB 17A
MSB 18A
MSB 18B
MSB 18C
MSB 19B
MSB 19C
MSB 31A
MSB 31B
MSB 32
MSB 33A
MSB 33B
MSB 33TA
MSB 34C
MSB 34TB
MSB 35A
MSB 35B
MSB 35TA
MSB 36C
MSB 36TA
MSB 37B
MSB 38TA
MSB 42B
MSB 42C
MSB 42TA
MSB 43A
MSB 44A
MSB 44B
MSB 44C
MSB 45B
MSB 46A
MSB 46B
MSB 47BB
MSB 47D
MSB 48A
MSB 48C
MSB 48TA
MSB 49B
MSB 49D
MSB 50B
MSB 50D
MSB 51B
MSB 51D
MSB 52B
MSB 53C
MSB 53D
MSB 55D
MSB 56D
MSB 59D
MSB 61C
MSB 61D
MSB 64C
MSB 74C
MSB 74D
MSB 75B
MSB 75C
MSB 77B
MSB 77C
MSB 77TA
MSB 79B
MSB 79C
MSB 81B
RWM 1
SRW 5
SRW 7
SRW 8
SRW 9
SRW 9A
SRW 9B
SRW 10
SRW 11
SRW 12A
SRW 12B
SRW 16B
SRW 16C

Samples from the following 17 wells were extracted past the 7-day extraction time for herbicides, although the laboratory received the samples before the extraction time expired.

905103F	FSB104D	HSB 86C	HSB114C	HSB141A
BGX 1A	FSB105C	HSB 86D	HSB114D	
FSB 98C	FSB105DR	HSB106C	HSB125D	
FSB 98D	HSB 84B	HSB113D	HSB127D	

Samples from the following 21 wells were extracted past the 7-day extraction time for pesticides, although the laboratory received the samples before the extraction time expired.

BGX 6D	FSB1C2C	HSB112C	HSB117C	HSB151C
BGX 9D	FSB104C	HSB113C	HSB126D	
FSB 78C	FSB110D	HSB115C	HSB127C	
FSB 97A	FSB119D	HSB116C	HSB129D	
FSB 97C	FSB122C	HSB116D	HSB135D	

Samples from the following 9 wells were extracted past the 7-day extraction time for pesticides and herbicides, although the laboratory received the samples before the extraction time expired: FSB112C, FSB117D, FSB120C, FSS 2D, HSB 68, HSB112D, HSB112E, HSB115D, and HSB129C.

Samples from the following 26 wells were extracted past the 30-day extraction and analyzed past the additional 15-day holding time for dioxins and furans, although the laboratory received the samples before the holding times expired.

MSB 2B	MSB 8C	MSB 29D	MSB 57D	MSB 62D
MSB 2C	MSB 13CC	MSB 29TA	MSB 58D	MSB 63B
MSB 3C	MSB 13D	MSB 43A	MSB 59D	
MSB 4B(R)	MSB 29A	MSB 43B	MSB 60D	
MSB 4C	MSB 29B	MSB 43D	MSB 62B	
MSB 7C	MSB 29C	MSB 43TA	MSB 62C	

Samples from the following 23 wells were extracted past the 30-day extraction time for dioxins and furans, although the laboratory received the samples before the extraction time expired.

AMB 1D	AMB 9D	BGO 10AR	LFW 21	MSB 63C
AMB 5	AMB 10D	BGO 12AR	LFW 22	MSB 63D
AMB 6	AMB 10DD	BGO 12CR	LFW 29	MSB 64C
AMB 7	AMB 12D	BGO 14AR	LFW 36	
AMB 8D	ASB 2C	BGO 14CR	LFW 37	

Samples from the following 24 wells were extracted past the 30-day extraction time for dioxins, although the laboratory received the samples before the extraction time expired.

BGO 16A	BGO 22D	FNB 4	MSB 5B	MSB 7A
BGO 18A	BGO 23D	LFW 38	MSB 5C	MSB 7B
BGO 18D	FNB 1	MSB 4B	MSB 6A	MSB 8B
BGO 20D	FNB 2	MSB 4D	MSB 6B	MSB 13A
BGO 21D	FNB 3	MSB 5A	MSB 6C	

Samples from the following 9 wells were extracted for bases/neutrals/acids past the 7-day extraction time, although the laboratory received the samples before the extraction time expired: BGO 33C, FSB 78C, FSB 91D, FSB 97A, FSB 97C, HSB 69, MSB 4B, MSB 7B, and MSB 8B.

ANALYTICAL DATA REVIEW

Samples from the following 73 wells were analyzed past the 7-day holding time for total dissolved solids, although the laboratory received the samples before the holding time expired.

BGO 6A	FSB 94C	FSB117D	HSB105D	HSB116D
BGO 28D	FSB 94DR	FSB119D	HSB106D	HSB117C
BGO 30D	FSB 95CR	FSB120C	HSB107D	HSB125D
BGO 32D	FSB 97A	FSB122C	HSB108D	HSB126D
BGO 33D	FSB 97D	FSS 2D	HSB111C	HSB127D
FSB 77	FSB 98C	HSB 67	HSB111D	HSB129C
FSB 78	FSB 98D	HSB 68	HSB112C	HSB129D
FSB 78C	FSB 99C	HSB 69	HSB112D	HSB137C
FSB 79	FSB102C	HSB 70C	HSB112E	HSB139C
FSB 79C	FSB104D	HSB 71C	HSB113D	HSB143C
FSB 90D	FSB105C	HSB 86C	HSB114A	HSB145C
FSB 91C	FSB105DR	HSB 86D	HSB114C	HSB145D
FSB 91D	FSB106C	HSB100D	HSB114D	HSB151C
FSB 92D	FSB110D	HSB101D	HSB115C	
FSB 93D	FSB112C	HSB103D	HSB115D	

Samples for the following 29 wells were analyzed past the 14-day holding time for GCMS VOA, although the laboratory received the samples before the holding time expired.

9C5103F	HSB 69	KAC 3 (R)	MSB 3C	MSB 13CC
AMB 9D	HSB 70	LFW 48D	MSB 5B	MSB 13D
FSB 78	HSB114A	LFW 62C	MSB 5C	MSB 59D
FSB 78C	HSB119A	MSB 1B	MSB 6C	MSB 63B
FSB120C	HSB137C	MSB 2B	MSB 7B	MSB 79B
FSB122D	HSB138D	MSB 2C	MSB 7C	

The volatiles analysis for AMB 9D was re-analyzed after the holding time expired because of surrogate failure on the first run.

Samples from the following 74 wells were analyzed past the 14-day holding time for cyanide, although the laboratory received the samples before the holding time expired.

BGO 14AR	FSB 94DR	FSB117D	HSB107D	HSB117C
BGO 14CR	FSB 95CR	FSB119D	HSB108D	HSB125D
BGO 28D	FSB 95DR	FSB120A	HSB110D	HSB126D
BGO 30D	FSB 97C	FSB120C	HSB111E	HSB129C
FSB 77	FSB 97D	FSB122C	HSB112C	HSB129D
FSB 78	FSB 98C	HSB 67	HSB112D	HSB136C
FSB 78C	FSB 98D	HSB 68	HSB112E	HSB136D
FSB 79	FSB103C	HSB 69	HSB113D	HSB137D
FSB 79C	FSB104D	HSB 70C	HSB114A	HSB139C
FSB 90D	FSB105C	HSB 71C	HSB114C	HSB151C
FSB 91C	FSB105DR	HSB 83D	HSB114D	KAC 1
FSB 91D	FSB107D	HSB 86C	HSB115C	KAC 3(R)
FSB 92D	FSB110D	HSB101D	HSB115D	LFW 21
FSB 93D	FSB112C	HSB106C	HSB116C	PAC 5
FSB 94C	FSB112D	HSB107C	HSB116D	

Samples from the following 10 wells were analyzed past the 28-day holding time for tritium, although the laboratory received the samples before the holding time had expired: HSB 68, HSB 70C, HSB 71C, HSB112E, HSB115D, HSB117C, HSB129C, HSB129D, HSB139C, and HSB151C.

The volatile results for FSB112A should be treated as suspect due to surrogate failure and the inability to reanalyze because of insufficient sample volume. The results for Appendix IX acid and base-neutral extractables for MSB 7B and for the acid fraction for MSB 29TA should be treated as suspect due to the fact that the surrogates for these analyses failed.

The laboratory treated the sample from well MSB 3D as a solid, due to its high tetrachloroethylene concentration. The analytical results show unusually high detection limits for this reason.

The internal laboratory blanks in Table 6 showed elevated results. GE confirmed these results after reviewing the laboratory 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	8/11/91	4.0 µg/L	MSB 1B, MSB 1C, MSB 1CC, MSB 1D, MSB 3B, MSB 5A, MSB 6A
Acetone	8/20/91	2.7 µg/L	HSB 70, MSB 5B, MSB 5C
Acetone	8/22/91	6.7 µg/L	BGO 14AR, MSB 57D, MSB 62D, MSB 64D
Acetone	8/27/91	5.0 µg/L	AMB 10D, AMB 10DD, AMB 11D, LFW 22, LFW 29, LFW 30, LFW 36, LFW 37
Bis(2-ethylhexyl) phthalate	8/21/91	176.00 µg/L	MSB 4B, MSB 7B, MSB 8B, MSB 29A, MSB 29C, MSB 58D
Carbon tetrachloride	8/12/91	11.3 µg/L	AOB 1, MSB 44B
Chloroform	8/12/91	11.5 µg/L	AOB 1, MSB 44B
Tetrachloroethylene	8/12/91	10.2 µg/L	AOB 1, MSB 44B
Tin	7/24/91	3.08 µg/L	BGO 6A, BGO 6D, BGO 25A, BGO 26D, BGO 27C, BGO 29A, BGO 35C, BGO 45A, BGO 45B, BGO 45C, BGO 45D, FSB 76B(R), HSB100C, HSB101C, HSB133D
Tin	7/26/91	2.22 µg/L; 2.28 µg/L	ABP 1A, ABP 2A, ABP 4, FSB 78B, FSB100A, FSB101A, FSB118D, FSB121C, FSB123C, FSB123D, HSB103C, HSB104C, HSB108C, HSB109D, HSB110C, HSB120A, HSB131C, HSB131D, HSB135C, HSB140A, HSB140C, HSB140D, HSB146A, HSB146C, HSB146D, HSB150D, MSB 10A, MSB 10B, SRW 2, SRW 2A
Tin	7/29/91	2.47 µg/L	BGO 30D, BGO 32D, BGO 33C
Tin	9/03/91	2.22 µg/L	LFW 38, LFW 39, LFW 40, LFW 41, LFW 42
Tin	9/05/91	2.00 µg/L	P 29C, P 29TA, P 29TC, PAC 1, PAC 5, TNX 1D, TNX 2D, TNX 11D, XSB 1A, XSB 1B, YSB 1A, YSB 2A, YSB 3A, YSB 4A
Tin	9/30/91	2.25 µg/L; 2.81 µg/L	BGO 226A, HSB126C, HSB141A
1,1,1-Trichloroethane	8/12/91	10.4 µg/L	AOB 1, MSB 44B
Trichloroethylene	8/12/91	11.5 µg/L	AOB 1, MSB 44B
Trichlorofluoromethane	9/04/91	13.0 µg/L	BRR 1D, BRR 2D, BRR 3D, BRR 4D, BRR 5D, CSB 1A, FCB 5, FCB 6, LFW 39, LFW 40, LFW 41
Trichlorofluoromethane	9/25/91	8.72 µg/L	AMB 7A, AMB 7B, AMB 10B, ASB 2C, BGX 1A

GE 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	8/21/91	11.2 µg/L	LFW 21, MSB 6C, MSB 7C, MSB 58D, MSB 63D, MSB 64C
Antimony	8/13/91	5.59 µg/L	HSB108C, HSB109D, HSB110C, HSB120A, HSB140A, HSB140C, HSB140D, HSB146A, HSB146C, HSB146D, HSB150D, SRW 2, SRW 2A, SRW 2B, SRW 15A, SRW 15B, SRW 15C
Carbon tetrachloride	9/16/91	21.0 µg/L	KDT 1D, LCO 1, LDB 1, LDB 2, LFW 60D, LFW 62D, PDB 3, RRP 1, RRP 2, TBG 1, TNX 6D
Nitrate as nitrogen	8/08/91	380.0 µg/L	BG 121, HMD 2D, HMD 3D, HSB142D, MSB 2B, MSB 2C, MSB 3C, MSB 4C, MSB 7C, MSB 13D, MSB 34C, MSB 34TA, MSB 34TB, MSB 35A, MSB 35B, MSB 35TA, MSB 38TA, MSB 42B, MSB 42C, MSB 42TA, MSB 46B, MSB 47BB, MSB 47D
Nitrate as nitrogen	8/16/91	1,460 µg/L	HXB 4D, HXB 5D, KAC 6, KAC 7, LFW 24, LFW 31, LFW 33, LFW 34, LFW 35
Nitrate as nitrogen	9/02/91	120.0 µg/L	AMB 8D, AMB 9D, AMB 12D, BG 52, BG 67, BGO 10AR, BGO 12AR, BGO 12CR, BGO 14AR, BGO 14CR, BGO 40D, FTF 7, FTF 15, FTF 16, FTF 17, FTF 20, FTF 21, FTF 22, FTF 23, HAC 1, HAC 2, HCA 1, HCA 2(R), HCA 3, HCA 4, HR3 11, HR3 13, HR8 11, HR8 12, HR8 13, LFW 28, MSB 41A, MSB 41B, MSB 41C, MSB 41TA, MSB 62C, MSB 64C(R), YSC 1C, ZBG 1(R), ZBG 1A, ZBG 2
Nitrate as nitrogen	9/02/92	280.0 µg/L	AMB 5, AMB 6, AMB 7, AMB 8D, AMB 9D, AMB 12D, BG 52, BG 67, BGO 10AR, BGO 12AR, BGO 12CR, BGO 14AR, BGO 14CR, BGO 40D, FTF 7, FTF 15, FTF 16, FTF 17, FTF 20, FTF 21, FTF 22, FTF 23, HAC 1, HAC 2, HCA 1, HCA 2(R), HCA 3, HCA 4, HR3 11, HR3 13, HR8 11, HR8 12, HR8 13, LFW 28, MSB 41A, MSB 41B, MSB 41C, MSB 41TA, MSB 62C, MSB 64C(R), YSC 1C, ZBG 1, ZBG 1A, ZBG 2
Nitrate as nitrogen	9/04/92	600.0 µg/L	TNX 7D, YSB 1A
Nitrate as nitrogen	9/06/92	170.0 µg/L; 260.0 µg/L	BG 93, FSS 2D, KSS 1D, KSS 2D, KSS 3D, LFW 43B, LFW 43C, LFW 43D, LFW 44D, LFW 45D, LFW 46D, LFW 47C, LFW 47D, LFW 48C, PAC 1, PAC 5, YSB 2A, YSB 3A, YSB 4A
Silica	8/20/91	707 µg/L	HCB 2(R), HCB 3, HCB 4, HSS 1D, HSS 2D, HSS 3D, KAC 1, KAC 2, KAC 3(R), KAC 4, KAC 5, LFW 8, LFW 23, MCB 2, MCB 4, MCB 5C, MCB 6, MSB 23B
Silica	8/21/91	1,370 µg/L; 1,810 µg/L	CSD 1D, CSD 4D, CSD 8D, CSD 9D, CSD 10D, CSD 11D, CSD 12D, CSD 13D, HXB 5D, KAC 6, KAC 7, LFW 10A, LFW 22, LFW 24, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34, LFW 35, LFW 36, LFW 37
Silica	8/29/91	18,600 µg/L; 32,100 µg/L	AMB 5, AMB 6, AMB 7, AMB 8D, AMB 9D, AMB 12D, BG 52, BG 67, BRD 2, BRD 5D, FSS 1D, HAC 1, HAC 2, HCA 2(R), HCA 3, HCA 4

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

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Silica	8/30/91	26,700 µg/L	BRR 1D, BRR 2D, BRR 3D, BRR 4D, BRR 5D, CSB 1A, FCB 2, FCB 3, FCB 5, FCB 6, LFW 39, LFW 40(R), SCA 3, SCA 3A, SCA 4, SCA 4A, SCA 6, YSC 1C, YSC 2A, YSC 4C, YSC 5A, ZBG 1(R), ZBG 2
Silica	9/03/91	20,700 µg/L	FAC 3, FAC 4, FAC 5, FAC 6, FAC 7, FAC 8, FCB 4, FNB 1, FNB 2, FNB 3, FNB 4, FSS 2D, NBG 1, P 28A
Silica	9/03/91	19,700 µg/L	BGO 16A, BGO 18A, BGO 18D, BGO 20D, BGO 21D, BGO 22D, BGO 23D, NBG 2, P 26A, P 26B, P 26D, P 28TB, PAC 2, PAC 3, PAC 4, PAC 6
Silica	9/05/91	20,200 µg/L; 17,300 µg/L	P 29C, P 29TC, P 29TA, PAC 1, PAC 5, TNX 1D, TNX 2D, TNX 11D, XSB 1A, XSB 1B, YSB 1A, YSB 2A, YSB 3A, YSB 4A
Silica	9/06/91	17,700 µg/L	LFW 43B, LFW 43C, LFW 43D, LFW 44D, LFW 45D, LFW 46D, LFW 47C, LFW 47D, LFW 48C, TBG 5A, TBG 5B, TNX 8D, TNX 9D, TNX 10D, TNX 12D, XSB 1D, XSB 3A
Silica	9/09/91	17,500 µg/L	CDB 1, IDB 1C, IDB 4, IDB 10, KDB 3, LCO 2, LCO 3, LCO 4, LRP 1, LRP 2, LRP 3, LRP 4, TNX 3D, TNX 5D, TNX 6D
Silica	9/11/91	15,000 µg/L	IDB 1A, IDB 6, IDP 2, IDP 6, IDP 7, IDP 9, IDQ 5, IDQ 6, IDQ 7, LFW 60D, LFW 62D, RSF 1, RSF 2, RSF 3
Silica	9/16/91	14,100 µg/L	DCB 9, DCB 12, DCB 15, DCB 16, DOB 1, DOB 2, DOB 3, DOB 4, IDQ 3A, IDQ 3B, IDQ 3C, IDQ 4, IDQ 12, KDB 1, KDB 2, LCO 1, KDT 1D, TBG 1
Specific conductance	8/16/91	65.0 µS/cm	HXB 4D, HXB 5D, KAC 6, KAC 7, LFW 10A, LFW 22, LFW 24, LFW 29, LFW 30, LFW 31, LFW 32, LFW 33, LFW 34, LFW 35, LFW 36, LFW 37, SSS 17
Tetrachloroethylene	8/21/91	6.7 µg/L	LFW 21, MSB 6C, MSB 7C, MSB 58D, MSB 63D, MSB 64C
Tetrachloroethylene	8/26/91	47.0 µg/L	CBR 1D, MSB 2B, PRP 4
Tin	7/24/91	2.23 µg/L	BGO 6A, BGO 6D, BGO 25A, BGO 26D, BGO 27C, BGO 29A, BGO 35C, BGO 45A, BGO 45B, BGO 45C, BGO 45D, FSB 76B(R), HSB100C, HSB101C, HSB133D
Total carbon	9/13/91	6,000 µg/L	IDB 1A, IDB 1B, IDB 1C, IDB 2A, IDB 2B, IDB 2C, IDB 3, IDB 4, IDB 5, IDB 6, IDB 7, IDB 8, IDB 9, IDB 10, IDP 1, IDP 2, IDP 3A, IDP 3B, IDP 3C, IDP 4, IDP 5, IDP 6, IDP 7, IDP 8, IDP 9, IDQ 2, IDQ 5, IDQ 6, IDQ 7, IDQ 10
Total dissolved solids	8/26/91	51,000 µg/L	AMB 5, AMB 6, AMB 7, AMB 8D, AMB 9D, AMB 12D, BG 52, BG 67, BRD 2, BRD 5D, FSS 1D, HAC 1, HAC 2, HCA 2(R), HCA 3, HCA 4
Total dissolved solids	8/27/91	58,000 µg/L; 49,000 µg/L	FCB 2, FCB 3, SCA 3, SCA 3A, SCA 4, SCA 4A, SCA 6, YSC 1A, YSC 2A, YSC 4C, YSC 5A

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

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Total dissolved solids	9/02/91	43,000 µg/L	BGO 16A, BGO 18A, BGO 18D, BGO 20D, BGO 21D, BGO 22D, BGO 23D, P 26A, P 26B, P 26D, PAC 2, PAC 3, PAC 4, PAC 6
Total dissolved solids	9/04/91	30,000 µg/L; 29,000 µg/L	KSS 1D, KSS 2D, KSS 3D, PAC 1, TNX 7D, XSB 2D, XSB 4D, YSB 1A, YSB 2A, YSB 3A, YSB 4A
Total dissolved solids	9/06/91	45,000 µg/L	IDB 1C, IDB 4, IDB 10, LFW 55C, LFW 55D, LFW 56D, LFW 57B, LFW 57C, LFW 57D, LFW 58D, LFW 59B, LFW 59C, LFW 59D, LFW 61C, LFW 61D, LFW 62B, LFW 62C, TBG 3, TNX 3D, TNX 4D, TNX 5D, TNX 6D
Total dissolved solids	9/09/91	43,000 µg/L	IDB 1A, IDB 1B, IDB 2A, IDB 2B, IDB 2C, IDB 3, IDB 5, IDB 6, IDB 7, IDB 8, IDB 9, IDP 1, IDP 2, IDP 3A, IDP 3B, IDP 3C, IDP 4, IDP 5, IDP 6, IDP 7, IDP 8, IDP 9, IDQ 2, IDQ 5, IDQ 6, IDQ 7, IDQ 10
Total dissolved solids	9/11/91	28,000 µg/L	IDQ 3A, IDQ 3B, IDQ 3C, IDQ 4, IDQ 12, TBG 1
Total inorganic carbon	9/30/91	5,680 µg/L	IDB 1A, IDB 1B, IDB 1C, IDB 2A, IDB 2B, IDB 2C, IDB 3, IDB 4, IDB 5, IDB 6, IDB 7, IDB 8, IDB 9, IDB 10, IDP 1, IDP 2, IDP 3A, IDP 3B, IDP 3C, IDP 4, IDP 7, IDP 8, IDP 9, IDQ 2, IDQ 5, IDQ 6, IDQ 7, IDQ 10
Total organic halogens	7/23/91	30.1 µg/L	AC 3A, AC 3B, BGO 27C, BGO 27D, BGO 29A, FSB 1TA, FSB 79A, FSB 88C, FSB 89C, FSB 96AR, HSB 83A
Total organic halogens	7/24/91	49.5 µg/L	BGO 35C, FSB 89D, FSB 90C, FSB 93C, HSB 83B, HSB 83C, HSB100C, HSB100D, HSB101C, HSB133C, HSB133D
Total organic halogens	8/14/91	212.0 µg/L	BGO 10AR, BGO 12AR, BGO 14AR, BGO 40D, MSB 43A, MSB 43B, MSB 43D, MSB 43TA, MSB 52D, MSB 54B, MSB 54C, MSB 54D, MSB 54TA, MSB 70D, MSB 82B, MSB 82D, MSB 82TA
Total organic halogens	8/16/91	77.1 µg/L	MSB 57D, MSB 58D, MSB 62D, MSB 63D, MSB 64C, MSB 64D
Total organic halogens	8/24/91	76.4 µg/L	FBP 1A, FBP 2A, FBP 3A, FBP 4, FCB 2, FCB 3, SCA 3, SCA 3A, SCA 4, SCA 4A, SCA 6, YSC 1A, YSC 2A, YSC 4C, YSC 5A
Total organic halogens	8/28/91	78.0 µg/L	BRR 1D, BRR 2D, BRR 3D, BRR 4D, BRR 5D, CSB 1A, FCB 5, FCB 6, LFW 38, LFW 39, LFW 40, LFW 41, LFW 42
Total organic halogens	9/03/91	18.8 µg/L	FAC 6
Total organic halogens	9/03/91	95.4 µg/L	FAC 4(R), FAC 5, FAC 8, FSS 2D, KAC 2, KAC 4, NBG 2
Total organic halogens	9/09/91	17.0 µg/L	IDB 1C, KDB 3, LFW 59B, LFW 62C, PDB 3, TNX 3D, TNX 5D, TNX 6D
Total organic halogens	9/09/91	23.7 µg/L	LFW 55C, LFW 55D, LFW 56D, TBG 5A, TBG 5B, TBG 7, XSB 1D, XSB 3A
Total organic halogens	9/10/91	66.9 µg/L	HMD 2D(R), MSB 12TA, MSB 12TB, MSB 34TB, MSB 35A, MSB 35B, MSB 35TA, MSB 38TA, MSB 42B, MSB 42C, MSB 42TA, MSB 44A, MSB 44B, MSB 44C, MSB 46A, MSB 46B, MSB 47BB, MSB 47D, MSB 49B, MSB 49D

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

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Total organic halogens	9/11/91	488.0 μg/L; 50.7 μg/L	DCB 9, DCB 12, DOB 1, DOB 2, DOB 3, DOB 4, HSB115C, HSB129C, KDB 1, KDB 2, KDT 1D, LFW 60D, LFW 62D, TBG 1
Total organic halogens	9/12/91	28.3 μg/L	DCB 2A, DCB 3A, DCB 4A, DCB 5A, DCB 6, DCB 7, DCB 8, DCB 10, DCB 11, DCB 13, MSB 55D
Total phosphates (as P)	8/07/91	340.0 μg/L	AC 2A, AC 2B, FSB103C, FSB107D, FSB108D, FSB109D, FSB120D, HSB 85B, HSB 85C, HSB106C, HSB107C, HSB119A, HSB130C, HSB122A, HSB123A, HSB134D, MSB 1B, MSB 1C, MSB 1CC, MSB 1D, MSB 53C, MSB 53D, MSB 61C, MSB 74C, MSB 74D, SRW 7, SRW 9, SRW 9A, SRW 9B, SRW 12A, SRW 12B, SRW 12C
Total phosphates (as P)	8/16/91	150.0 μg/L; 100.0 μg/L	FSB 97A, FSB102C, FSB104C, HSB 69A, HSB 84A, HSB 84B, HSB 84C, HSB 84D, HSB104C, HSB108C, HSB109D, HSB110C, HSB113C, HSB125C, HSB127C, HSB132C, HSB132D, HSB134C, HSB135D, HSB149D, SRW 2, SRW 2A, SRW 2B, SRW 3A, SRW 6, SRW 8, SRW 13A, SRW 13B, SRW 13C, SRW 14A, SRW 14B, SRW 14C, SRW 15A, SRW 15B, SRW 15C
Trichloroethylene	8/26/91	19.0 μg/L	CBR 1D, MSB 2B, PRP 4

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	FNB 1, LFW 36, LFW 37, MSB 5A, MSB 6A, MSB 7A, MSB 13B
Alkalinity	HSB141A, IDP 5, IDQ 10
Aluminum	FSB112C, HSB115D, HSB141D, HSB146D, HSB150D, HSB152D, IDB 6, IDQ 10, MSB 2D, MSB 4C, MSB 62D
Antimony	HSB 65B, HSB125C, HSB134C, MSB13B
Arsenic	DCB 15, LFW 22
Barium	ABP 8C, FSB121C, HSB115D, HSB130D, HSB139D, HSB141A, HSB152D, IDB 3, IDQ 10, LFW 36, MCB 5C, MSB 2B, MSB 3C, TNX 3D, YSC 2A
Benzene	RRP 2
Bis(2-ethylhexyl)phthalate	AOB 1, AOB 2, DOB 3, DOB 4
Bromide	TNX 5D
Cadmium	FSB 95DR, HTF 3, HTF 31, HTF 32, LFW 7, LFW 18, LFW 21, LFW 22, RSB 7, RSD 1, RSE 9
Calcium	FSB114D, HAC 3, HSB 71, HSB130D, HSB139D, HSB152D, IDB 3, IDQ 10, KAC 2, KAC 5, LFW 16, LFW 28, MCB 5C, MSB 2C, MSB 3C, MSB 49D, MSB 61D, MSB 83D, YSC 2A
Carbon tetrachloride	SRW 6

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

Analyte	Wells
Chloride	FSB 78, FSB 78C, FSB 79C, FSB 92D, FSB 93D, FSB 97D, FSB110D, FSB112D, FSB116C, HSB 86D, HSB139D, LFW 22, MSB 7C, TBG 1, TNX 3D, TNX 6D, YSB 2A
Chlorobenzene	LFW 7, LFW 17
para-Chloro-meta-cresol	FAC 6
Chloroethane	LFW 18, LFW 39, RRP 2
Chloroethene (Vinyl chloride)	BGO 28D, FSB 94C, LFW 7, RRP 2
Chloroform	BGO 7D, FSB 94C, SBG 1, SRW 5, SRW 12B, SRW 13C, TNX 3D
Chloromethane (Methyl chloride)	LFW 38, RRP 2
2-Chlorophenol	FAC 6
Chromium	MSB 2B, MSB 4C, MSB 77D
Copper	ASB 7, ASB 9, BGO 1D, FSB 1TA, FSB 78C, FSB116D, FSS 3D, KAC 1, KAC 3, LFW 8, MSB 1D, SRW 3A
Cyanide	FSB112C, FSB112D, FSB117D, FSB119D, HSB 71C, HSB112E, HSB116D
1,4-Dichlorobenzene	LFW 18
Dichlorodifluoromethane	MSB 13B
1,1-Dichloroethane	FCA 2D, FCA 16A, LFW 16, LFW 22, LFW 39, LFW 40, RRP 2
1,2-Dichloroethane	CMP 13, PRP 3, RRP 2
1,1-Dichloroethylene	BGO 7D, FSB 94C, LFW 22, MSB 62D, MSB 63D
Dichloromethane (Methylene chloride)	AMB 6, ASB 8A, ASB 9, ASB 10C, BGO 2D, BGO 9D, BGX 4A, BGX 4D, BGX 9D, BGX 12C, BRD 1, CMP 10B, CMP 11, CMP 13, CMP 13B, CRP 1, CRP 2, CRP 4, CSD 13D, FCA 9D, FCA 16A, FCB 2, FCB 3, FSB 1TA, FSS 3D, FSS 4D, HAC 4, HSB 68B, HSB110C, HSB120A, HSB124A, HSB137C, HSB140A, HSB140C, HSB143C, HSB146A, HSB146C, HSB146D, HSB150D, HSB152C, KAC 1, KCB 1, LFW 6, LFW 16, LFW 24, LFW 25, LFW 27, LFW 28, LFW 31, LFW 32, LFW 33, LFW 34, LFW 35, LFW 39, MSB 2C, MSB 2D, MSB 3C, MSB 4B*, MSB 4D, MSB 6B, MSB 7A, MSB 13A, MSB 39B, MSB 39C, MSB 39TA, MSB 40A, MSB 40C, MSB 40TA, MSB 59D, MSB 75B, MSB 77C, MSB 83D, MSB 83TA, P 29C, PRP 1A, PRP 2, PRP 3, RRP 2, RRP 3, RRP 4, RWM 1, SRW 2, SRW 2A, ZBG 1, ZBG 1A, ZBG 2
2,4-Dichlorophenol	FAC 6
Ethylbenzene	LFW 22, RRP 2
Fluoride	AMB 5, AMB 6, AMB 7, DCB 5A, HCB 4, HSB115D, HSB142C, HSB146C, HXB 4D, IDQ 3A, KAC 6, TNX 6D
Iodine	BG 91, BG 107, IDB 1B, IDB 5, IDB 6, IDQ 2, IDQ 10
Iron	AMB 9D, BGO 31D, BGX 4D, CMP 13, DCB 9, FSB105DR, FSB114D, FSB122D, FSS 4D, HAC 1, HAC 3, HET 1D, HSB 66, HSB 71, HSB125D, HSB131D, HSB140D, HSB141D, HSB146C, HSB147D, HXB 4D, HXB 5D, IDQ 10, KAC 3, LFW 21, LFW 22, MCB 5C, MSB 7C, MSB 13CC, MSB 21C, MSB 29A, MSB 36TA, MSB 51D, MSB 57D, MSB 58D, MSB 61D, PAC 3, PSS 3D, RDB 2D, RRP 3, SRW 7, TNX 3D, TNX 6D
Lead	ASB 8, FSB 1TA, FSB113D, FSB116D, FSB122D, FSS 3D, HSB114C, IDB 3, LDB 2, MSB 77D, NBG 2, NBG 5, TNX 3D
Lithium	DCB 5A, DCB 16

* Upon review, GE cited possible laboratory contamination associated with this analysis.

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

Analyte	Wells
Magnesium	BGO 26A, CSD 4D, FSB100A, HAC 1, HAC 3, HSB115C, HSB139D, HSB141C, IDQ 10, KAC 2, LFW 22, MSB 1C, MSB 6C, SCA 6, TNX 3D
Manganese	ACB 4A, BGO 2D, FSB120A, HCB 1, HSB115D, HSB139D, HSB151D, IDQ 10, KRP 3, MSB 6C, MSB 36D, MSB 43D, MSB 48TA, MSB 62D, PAC 3, RRP 1, RRP 2, RRP 3
Mercury	AC 3B, ARP 2, FAC 4, FSB 77, FSB 91D, FSB 94DR, HSB112E, HSB136D, HSB137C, HSB139C, HTF 1, MSB 39B, MSB 39TA, MSB 44B, MSB 44C, MSB 52B, MSB 56D, TNX 3D
Methyl ethyl ketone	LFW 21
Methyl isobutyl ketone	LFW 21, LFW 22, LFW 29, MSB 13B
Nickel	ASB 6A, BGO 30C, CSR 1, MSB 1CC
Nitrate as nitrogen	AC 1A, AC 2A, AC 2B, BG 121, FAC 4, FCA 19D, FSB106D, FSB115D, FSB122D, FTF 12, HSB141D, HTF 27, KAC 7, LFW 8, LFW 23, LFW 28, LFW 35, MSB 2B, MSB 4D, MSB 38TA, MSB 51D, MSB 77D
Phenols	MSB 6A, MSB 79C
Potassium	AMB 8D, FSS 3D, HAC 3, HSB139D, HSB152D, IDQ 5, LFW 10A, LFW 16, LFW 28, LFW 36, MSB 2B, MSB 3C, MSB 4C, MSB 44A, MSB 49D, MSB 77C, MSB 77D, MSB 86C, SCA 3
Selenium	FSS 1D
Silica	ASB 6TA, BGO 26A, FSB 95CR, HXB 4D, HXB 5D, LFW 7, MSB 62D, MSB 70D
Silver	FSB 78C
Sodium	FSB 76A, FSB 76C, IDQ 10, LFW 22, LFW 28, MSB 62D, PSS 1D, TNX 3D
Specific conductance	IDB 3, IDQ 10, LFW 22, MSB 2B, MSB 3C
Sulfate	BGO 30D, BGO 39D, BGX 4C, BGX 12C, BGX 12D, FNB 1, FSB 78, FSB 78C, FSB 79, FSB 90D, FSB 91D, FSB 92D, FSB 93D, FSB 94DR, FSB 95CR, FSB 97C, FSB 97D, FSB 98C, FSB 98D, FSB104D, FSB105C, FSB106C, FSB110D, FSB112C, FSB112D, FSB117D, FSB119D, FSB120C, FSB122C, HCB 3, HSB 67, HSB 68, HSB 69, HSB 71, HSB 83D, HSB 86C, HSB 86D, HSB102D, HSB103D, HSB104D, HSB105D, HSB106D, HSB107D, HSB108D, HSB110D, HSB111C, HSB111E, HSB112D, HSB113D, HSB114C, HSB114D, HSB116D, HSB117C, HSB127D, HSB134D, HSB136D, HSB139D, HSB143D, HSB151D, HSB152D, IDB 4, IDB 5, IDB 7, IDB 8, IDQ 5, KCB 2, LCO 2, LFW 39, LFW 40, MSB 39B, MSB 39TA, MSB 41TA, MSB 44C, MSB 64C, MSB 82B, PCB 1A, TNX 3D, TNX 10D, YSB 4A
1,1,2,2-Tetrachloroethane	CMP 12A
Tetrachloroethylene	FBP 2A, HSB 84A, HSB141C, MSB 2D, MSB 31B, MSB 48TA, MSB 60D, MSB 62D, MSB 63D, MSB 74D, SBG 4, SRW 6
Tin	MSB 13B
Toluene	LFW 21, LFW 22, RRP 2
Total carbon	IDQ 10
Total dissolved solids	AC 2B, BG 95, BGO 27D, BGX 9D, BGX10D, FCB 2, FSB114D, FSB115D, FSB120A, HSB126C, HSB146C, HSB146D, IDQ 10, MSB 1B, MSB 2B, MSB 2C, MSB 4B, MSB 5B, MSB 6B, MSB 8B, MSB 38TA, MSB 42B, MSB 42C, MSB 42TA, MSB 45B, MSB 47BB, MSB 49B, MSB 49D, MSB 50B, MSB 51D, MSB 53C, MSB 53D, MSB 54TA, MSB 60D, MSB 63B, SCA 4
Total inorganic carbon	IDQ 10

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

Analyte	Wells
Total organic carbon	ASB 1A, CMP 12A, CMP 13, CSD 4D, FSB105C, FSB107C, HSB 68B, HSB 85A, HSB 85B, HSB 86A, HSB104C, HSB105D, HSB110D, HSB122A, HSB123A, HSB130C, HSB135D, HSB139D, KAC 6, LFW 25, LFW 32, LFW 36, MCB 6, MSB 4C, MSB 6A, MSB 13D, MSB 35TA, MSB 54B, MSB 59D, SCA 4A, TNX 10D
Total organic halogens	ABP 4, AC 3B, AMB 6, AMB 7, AMB 9D, AMB 10DD, AMB 12D, ASB 1A, ASB 2A, ASB 5A, ASB 6TA, ASB 7, ASB 8, ASB 8A, ASB 10C, BGO 1D, BGO 8C, BGO 16A, BGO 18A, BGO 18D, BGO 20D, BGO 21D, BGO 23D, BGO 27C, BGO 27D, BGO 29A, BGX 2D, BGX 4A (4 replicates), BGX 5D, BGX 9D, BGX 12C, BRD 5D, BRR 1D, BRR 2D, CBR 2D, CMP 8, CMP 8A, CMP 8B, CMP 9B, CMP 12, CMP 13, CMP 15B, DCB 2A, DOB 3, DOB 4, FAC 4, FAC 5, FAC 6, FCA 1N, FCB 2, FCB 3, FNB 3, FSB 88D, FSB 94DR, FSB 95CR, FSB 96AR, FSB 97C, FSB 99C, FSB105C, FSB107D, FSB113D, FSB114A, FSB120C, FSB122C, FSS 2D, FSS 3D, FSS 4D, HAC 1, HAC 3, HAC 4, HSB 66, HSB 67, HSB 68, HSB 69, HSB 70C, HSB 84C, HSB102D, HSB107D, HSB111E, HSB112C, HSB112D, HSB115C, HSB115D, HSB116C, HSB116D, HSB117C, HSB125C, HSB126C, HSB127D, HSB129C, HSB137C, HSB145D, HSB149D, HSB151C, HSB100C, HSB108C, HSB141C, HSB141D, HSB146A, HSB148D, HXB 4D, HXB 5D, KAB 2, KAB 4, KAC 2, KAC 3, KAC 4, KAC 5, KDB 2, KDB 3, LFW 10A, LFW 16, LFW 22, LFW 26, LFW 28, LFW 29, LFW 32, LFW 33, LFW 39, LFW 40, LFW 42, MCB 5C, MCB 6C, MSB 1B, MSB 2C, MSB 3C, MSB 7C, MSB 4B, MSB 13A, MSB 18A, MSB 23B, MSB 29C, MSB 29D, MSB 29TA, MSB 34TA, MSB 34TB, MSB 35A, MSB 35B, MSB 35TA, MSB 38TA, MSB 36A, MSB 41A, MSB 41B, MSB 41C, MSB 41TA, MSB 42C, MSB 42TA, MSB 44A, MSB 44B, MSB 44C, MSB 46A, MSB 46B, MSB 47BB, MSB 47D, MSB 49B, MSB 49D, MSB 52D, MSB 54B, MSB 54C, MSB 54D, MSB 54TA, MSB 55B, MSB 55D, MSB 57D, MSB 59D, MSB 60D, MSB 61D, MSB 62B, MSB 62C, MSB 63C, MSB 83TA, MSB 85D, MSB 85TA, MSB 86C, P 26B, PAC 6, PRP 2, SCA 3, SCA 4, SRW 2A, SRW 8, SRW 9B, SRW 13A, TBG 1, TNX 1D, TNX 2D, TNX 6D, TNX 9D, TNX 11D, TNX 12D, XSB 1A, XSB 1B, YSB 3A, YSC 1C, YSC 4C, YSC 5A
Total organic nitrogen	LFW 40
Total phosphates (as P)	ABP 3, AC 1A, AC 1B, AC 2B, ARP 1A, BG 91, BG 95, BG 121, BGX 10D, CMP 13, CSB 4A, FSB 99D, FSB102C, FSB104C, FSB107C, FSB114D, FSS 2D, FSS 3D, HSB 65B, HSB 84C, HSB 85A, HSB 85B, HSB 85C, HSB102C, HSB105C, HSB113C, HSB143D, IDQ 2, IDQ 10, LFW 10A, MSB 5C, MSB 21C, MSB 32, MSB 33TA, MSB 44C, MSB 50B, MSB 50D, MSB 51B, MSB 51D, MSB 59D, MSB 61D, MSB 77C, MSB 79B, SCA 3, SCA 4, SCA 4A, SCA 6, SRW 2, SRW 2A, SRW 8, SSS 1, SSS 2, SSS 4, SSS 5, SSS 6, SSS 10, SSS 22, SSS 23, SSS 27, YSC 1C
1,1,1-Trichloroethane	FCA 16A, LFW 36, LFW 39, LFW 42, MSB 62D
1,1,2-Trichloroethane	FSB106D, MSB 58D
Trichloroethylene	ASB 5A, BGO 6D, CMP 12, FCA 16A, FSB 94C, LFW 16, LFW 22, LFW 40, MSB 2D, MSB 4B, MSB 31B, MSB 36A, MSB 57D, MSB 59D, MSB 60D, MSB 74C, MSB 82A, MSB 85TA, SRW 16B
Trichlorofluoromethane	BGX 5D, BRD 2, CMP 12, FCA 9D, FCA 16A, FSS 4D, LDB 1, LFW 22, LFW 36, LFW 39, LFW 42, MSB 5A, TBG 7

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

Analyte	Wells
Turbidity	BGO 8C, BGO 11D, BGO 12D, BGO 21D, BGO 39D, FAC 3, FAC 7, HSB 65B, KAC 7
Vanadium	HSB101D
Zinc	ASB 1A, BG 92, BG 103, FSB116D, FSB120D, HSB140A, HSB148C, IDQ 10, LFW 22, MSB 1D, MSB 3D
Gross alpha	ABP 8C, BG 59, BGX 5D, DCB 5A, FSB 95CR, FSB105DR, FTF 5, H 14, H 18A, HSB112C, HTF 3, MGE 9, MGG 36, RSC 4, RSC 9, RSC 10, RSD 2A, RSD 2C, RSD 3, RSD 4, RSD 5, RSD 6, RSD 7, RSD 8, RSD 9, RSD 10, RSD 11, RSE 1A, RSE 1C, RSE 2, RSE 3A, RSE 4A, RSE 4C, RSE 5, RSE 7, RSE 11, RSE 13, RSE 18, RSE 19, ZW 6, ZW 7, ZW 8
Nonvolatile beta	ABP 1A, AMB 10DD, ASB 6TA, BGO 2D, BGX 5D, FSB112A, FSB120A, H 18A, HSB 84B, HSB100D, HSB115D, HSB116C, HSB151C, HTF 1, MGE 9, MSB 2B, MSB 18B, MSB 57D, MSB 61D, RSC 9, RSE 4A, RSE 4C, RSE 5, RSE 7, RSE 9, RSE 10
Total radium	ABP 3, ACB 2A, AMB 9D, ASB 7, BG 54, BGO 11D, BGO 32D, BGX 9D, BGX 10D, BGX 12C, BGX 12D, BRD 4, CBR 3D, CMP 15B*, CMP 15C, CSD 8D, CSD 12D, DCB 2A, FAL 1, FAL 2, FCB 5, FCB 6, FSB 78B, FSB 79B, FSB 89C, FSB 89D, FSB 91C, FSB 94C, FSB 96AR, FSB 97A, FSB100A, FSB102C, FSB104C, FSB107C, FSB107D, FSB108D, FSB109D, FSB110C, FSB120C, FSB121C, FSS 1D, FTF 5, HAC 2, HCA 2, HCA 3, HCB 4, HR8 12, HSB 66, HSB 68B, HSB 69A, HSB 83A, HSB 84B, HSB 84D, HSB101D, HSB106C, HSB107D, HSB110D, HSB111E, HSB112E, HSB113C, HSB115C, HSB123A, HSB134D, HSB135D, HSB137D, HSB141D, HSB142C, HSB142D, HSB146C, HSB148C, HSB149D, HSS 2D, HTF 7, HTF 12, HTF 13, HTF 23, HTF 25, HXB 4D, LFW 27, MCB 2, MCB 4, MSB 1C, MSB 3C, MSB 5C, MSB 7B, MSB 8B, MSB 18B, MSB 21C, MSB 31B, MSB 31B, MSB 54D, MSB 55TA, MSB 57D, MSB 58D, MSB 70D, MSB 77D, MSB 82TA, MSB 85D, NBG 3, SRW 3A, SRW 13A, SRW 13B, SRW 13C, SRW 14B, SSS 26, YSC 2A
Tritium	BG 67, BGO 7D, BGO 31C, BGX 2D, BRR 3D, CBR 1D, CSB 1A, DCB 7, DCB 9, FSB120A, FTF 3, FTF 4, FTF 26, HSB122A, HSB130C, KCB 1, LFW 28, LFW 39, MGC 32, MSB 1C, MSB 41B, MSB 41C, MSB 83TA, MSB 85C, SBG 4, TNX 11D

* The total radium spike recoveries for CMP 15B were not within GE's Shewhart control limits. This sample was analyzed three times, however, and the high spike recoveries may be a result of a matrix interference.

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
Acetone	LFW 38
Alkalinity	HSB141C

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

Analyte	Wells
Aluminum	BGO 26A, CMP 15A, DCB 11, DCB 12, FSB 77, FSB 91C, FSB 94C, FSB 97C, FSB 98C, FSB105C, FSB106C, FSB112D, FSB120D, IDB 3, MSB 5C
Antimony	LFW 22
Arsenic	FSB110D
Barium	FAC 6, FSB 97C, FSB 98C, FSB105C, FSB106C, FSB112D, HSB141D, KAC 1, MSB 79B, YSC 4C
Bromoform	BGX 5D
Cadmium	FSB 98C, FSB105C, FSB106C
Calcium	BGO 38D, FSB 79C, FSB 97C, FSB 98C, FSB105C, FSB107D, FSB112D, HXB 4D
Chloride	KAC 1, KAC 3
Chloroform	BGO 30D, SRW 2,
Chromium	HTF 12
Cobalt	FSB 98C, FSB106C, FSB112D
Copper	FSB 77, FSB 91D, FSB 92D, FSB 98C, FSB105C, FSB106D, FSB112D, HCB 2, HSB 70, SRW 9
Dichlorodifluoromethane	LFW 21, LFW 22
1,1-Dichloroethane	BGO 30D
1,2-Dichloroethane	SRW 7
1,1-Dichloroethylene	BGO 30D
trans-1,2-Dichloroethylene	BGO 30D, LFW 18
Dichloromethane (Methylene chloride)	LFW 22, SRW 7
Fluoride	DCB 6
Iron	ARP 1A, ARP 4, BGO 2D, BGO 12D, BGO 35D, BGO 37D, CMP 8B, CMP 9B, CMP 11, CMP 13B, CMP 15B, CSA 2, CSA 4, CSD 1D, CSD 11D, DCB 2A, DCB 8, DOB 4, FCA 1N, FCA 2D, FCA 9D, FSB 76, FSB 76A, FSB 76C, FSB 79A, FSB 79C, FSB 87B, FSB 88C, FSB 88D, FSB 90C, FSB 90D, FSB 91C, FSB 93C, FSB 97C, FSB 98C, FSB 99D, FSB100A, FSB105C, FSB106C, FSB106D, FSB107D, FSB112C, FSB112D, FSB114A, FSB120D, FSS 1D, HAC 2, HSB 67, HSB 68B, HSB 86A, HSB100C, HSB102D, HSB103C, HSB108C, HSB109D, HSB111D, HSB117A, HSB130D, HSB135C, HSB135D, HWS 2, IDB 2C, KCB 3, KDB 1, KDB 2, KDB 3, KSS 3D, LFW 40, LRP 2, LRP 3, MCB 4, MSB 1B, MSB 1CC, MSB 3C, MSB 4C, MSB 5C, MSB 6C, MSB 21A, MSB 31B, MSB 33A, MSB 36D, MSB 48C, MSB 49D, MSB 52D, MSB 74C, MSB 75C, MSB 79B, MSB 82B, MSB 85B, MSB 85D, MSB 85TA, PSB 4A, PSB 5A, PSB 6A, PSS 2D, RDB 3D, SCA 3, SRW 2, SRW 2A, SRW 6, SRW 8, SRW 10, SRW 13B, SRW 13C, SRW 15A, SSS 26, TBG 7, TNX 7D
Lead	CSB 3A, FCA 2D, HTF 2, HTF 10, HTF 12, KAC 7, LSB 4, MSB 36D, MSB 62D, SRW 15B
Magnesium	BGO 16A, FSB 97C, FSB 98C, FSB105C, FSB106C, FSB107D, FSB112D, HSB141A, KAC 7, MSB 2B, MSB 4C, MSB 77TA
Manganese	AMB 7, DOB 1, FCA 19D, FSB 98C, FSB105C, FSB106C, FSB112D, FSB114D, HAC 3, HCB 2, KAC 7, MSB 4C, RDB 3D, SCA 3, TNX 7D, YSC 4C
Mercury	HTF 12
Nickel	DCB 11, FSB 97C, FSB 98C, FSB105C, FSB106C, FSB112D, PCB 3A

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

Analyte	Wells
Nitrate as nitrogen	FSB 78, FSB 78A, FSB 78C, FSB 79, FSB 79B, FSB 79C, FSB 90D, FSB 91C, FSB 93D, FSB 94C, FSB 94DR, FSB 95CR, FSB 95DR, FSB 97C, FSB 97D, FSB 98D, FSB104C, FSB105C, FSB105DR, FSB117D, FSB122D, FSS 1D, FTF 6, HMD 2D, HSB 70, HSB 83D, HSB101D, HSB104D, HSB117D, HSB135D, HTF 12, IDQ 10, KAC 3, MSB 36D, MSB 46B, NBG 2, PSB 2A, TBG 1, TBG 3
Potassium	FSB 79C, FSB 97C, FSB 98C, FSB 99C, FSB105C, FSB112C, MSB 83D
Silica	BGO 31C, FSB 77, FSB 98C, FSB105C, FSB112D, HSB102D, YSC 4C
Sodium	BGO 26A, FSB 79C, FSB 95DR, FSB 97C, FSB 98C, FSB112D, FTF 6, HSB105C, KAC 3, KAC 7
Specific conductance	HSB141C, KAC 3, MCB 5C
Sulfate	DCB 4A, DCB 7, DCB 15, HCB 2, HSB 84D, KAC 3, PAC 5, SCA 3A, YSC 2A
Sulfide	BRR 1D, HSB 85A, HSB 85C
Tetrachloroethylene	BGO 7D, CMF 13, FSB 88D, FSB 95DR, LDB 1, LFW 39, MSB 3C, MSB 19C
Tin	BGO 28D, BGO 30D, BGO 32D, BGO 33C
Toluene	MSB 1CC, MSB 6C
Total dissolved solids	ABP 1A, ABP 2A, BGO 16A, HSB143D, HSB146A, KAC 3
Total inorganic carbon	IDB 3
Total organic carbon	BGX 2B, FSB105DR, HSB150D, SSS 20
Total organic halogens	ASB 9C, BGO 15D, BGO 30D, BGO 32D, DCB 3A, DCB 5A, DCB 10, FCA 2D, FCA 19D, FCB 6, FSB 97A, HMD 4D, HSB103C, MSB 1D, MSB 2D, MSB 8B, MSB 8C, MSB 19A, TBG 3, XSB 5A
Total phosphates (as P)	FCA 2D, FCA 10A, FCA 16A, HSB146C
1,1,1-Trichloroethane	MSB 17A, PRP 3
Trichloroethylene	ASB 6TA, BGO 30D, CSB 4A, FSB 95DR, FSB 99C, HSB101D, KSB 1, MSB 3C, MSB 58D, TBG 1
Trichlorofluoromethane	LDB 2, LFW 16, LFW 21
Turbidity	FAC 8
Zinc	DCB 11, FSB 76A, FSB 79A, FSB 97C, FSB 98C, FSB105C, FSB106C, FSB112D, FSB114A, FSB114D, HSB 70, HSB100C, HSB101C, HSB125D, HSB152D, MSB 4C, MSB 6B, MSB 6C
Gross alpha	DCB 10, FSB 78, FSB 78C, FSB 91C, FSB 93D, FSB 94C, FSB112C, FSB112D, FSB120C, FTF 24A, HSB 67, HSB 69, HSB 86D, HSB102D, HSB103D, HSB112E, HSB136D, HSB141C
Nonvolatile beta	FSB106C, FSB112C, FSB112D, FSB113C, FSB120C, FTF 6, FTF 7, FTF 22, FTF 24A, HSB 67, HSB 69, HSB136C, HSB145D, MSB 5C
Total radium	FTF 7
Tritium	DCB 10, FSB 88D, FSB107D, FTF 6, FTF 7, H 17, HSB 70, HSB 86A, HSB139D, HSB141C, HSB152D, LFW 8, LSB 4, MGE 9, MGG 36, RSE 10, YSC 1C

Table 10 lists the reasons General Engineering did not perform certain analyses on samples from wells that were not dry. See also the **Sample Scheduling** section of this report for a list of wells scheduled but not sampled this quarter.

Table 10. Analyses Not Performed by General Engineering

Wells	Analytes	Reason
AMB 4	Fourth replicate of specific conductance; Appendix IX base/ neutral and acid (BNA) extractables, dioxins and furans, herbicides, PCBs, pesticides, and sulfide; gross alpha, nonvolatile beta, total radium	Insufficient water for complete sample collection
AOB 1, AOB 2, AOB 3, DOB 1, DOB 2, DOB 3, DOB 4	Dichlorobenzene isomers	Not in laboratory's suite
ASB 3C, ASB 10C, PAC 5	Total dissolved solids	Laboratory error
BGO 16A, BGO 18A, BGO 18D, BGO 20D, BGO 21D, BGO 22D, BGO 23D	Acetophenone	Laboratory error
BGO 40D	Herbicides	Insufficient water for complete sample collection
CSD 2D	All scheduled analyses	Insufficient water for complete sample collection
DCB 15, DCB 16	Total organic carbon	Laboratory error
FCA 2C	All scheduled analyses	Well bailed dry before samples could be collected
FCA 10C	Nitrate as nitrogen, total phosphates, gross alpha, nonvolatile beta, total radium, tritium	Insufficient water for complete sample collection
FCA 10D	Cadmium, iron, lead, manganese, nitrate as nitrogen, total phosphates, gross alpha, nonvolatile beta, total radium, tritium	Insufficient water for complete sample collection
FSB 92C	All scheduled analyses	No pump; cannot be bailed in one day
FSB 97D	Herbicides/pesticides	Insufficient water for complete sample collection
FSB106D	Herbicides/pesticides, gross alpha, nonvolatile beta, total radium	Insufficient water for complete sample collection
H 17	Gross alpha, nonvolatile beta	Insufficient water for complete sample collection
HSB149D	Phenols	Insufficient water for complete sample collection
MSB 3D	Appendix IX PCBs	Insufficient water for complete sample collection

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

Wells	Analytes	Reason
MSB 13B	Appendix IX 3NA, dioxins, furans, herbicides, pesticides, and PCBs; gross alpha, total radium	Insufficient water for complete sample collection
MSB 13CC		
MSB 82A	All scheduled analyses other than GCMS VOA	Insufficient water for complete sample collection
MWD 1A, MWD 1B, MWD 1C, MWD 1D, MWD 2A, MWD 2C, MWD 2D, MWD 3A, MWD 5A, MWD 5C, MWD 5D, MWD 8, MWD 9, MWD 10, MWD 11	All scheduled analyses	Pumps have not been installed in these wells
241-H	All scheduled analyses	Sampler noted on chain: "uncollectible construction in area"

Review of the M-Area Laboratory Analytical Data

A technical review of the quarter's analytical data identified the analyses in Table 11 as high in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 11. M-Area Laboratory Samples With High Analytical Results as Compared to Historical Data

Analyte	Wells
Tetrachloroethylene	ASB 6TA, MCB 5C, MSB 23B, RWM 8 (3 samples)
Trichloroethylene	MSB 23TA, MSB 27B, MSB 50D, MSB 61C, RWM 8 (3 samples)

A technical review of the quarter's analytical data identified the analyses for 1,1-dichloroethylene from MSB 70C, for tetrachloroethylene from MSB 37A, for 1,1,1-trichloroethane from MSB 70C, and for trichloroethylene from ASB 8, 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 report results for trans-1,2-dichloroethylene and 1,1-dichloroethylene analyses on the following samples because standards were not run: AMB 7B, AMB 10B, AMB 11B, and AMB 13AR.

ANALYTICAL METHODS

GE performed most of the analyses conducted during third quarter 1991, using the methods listed in Table 12.

The EPD/EMS Laboratory (EM) at SRS conducts 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. EM results were not available for inclusion in this report.

ANALYTICAL DATA REVIEW

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

Lancaster Laboratories and Mountain States Analytical, a division of Lancaster, performed some total organic halogen analyses using EPA Method 9020 with a detection limit of 5 μg/L.

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 12. Methods and Detection Limits Used by General Engineering

Analyte	Method	Detection Limit
Acenaphthene	EPA8270	10 μg/L
Acenaphthylene	EPA8270	10 μg/L
Acetone	EPA8240	1 μg/L
Acetonitrile (Methyl cyanide)	EPA8240	1 μg/L
Acetophenone	EPA8270	10 μg/L
2-Acetylaminofluorene	EPA8270	10 μg/L
Acrolein	EPA8240	20 μg/L
Acrylonitrile	EPA8240	20 μg/L
Aldrin	EPA8080	0.05 μg/L
	EPA8270	10 μg/L
Alkalinity as $CaCO_3$	EPA310.1	1 mg/L
Allyl chloride	EPA8240	50 μg/L
Aluminum	EPA6010	20 μg/L
4-Aminobiphenyl	EPA8270	10 μg/L
Ammonia nitrogen	EPA350.1	100 μg/L
Aniline	EPA8270	10 μg/L
Anthracene	EPA8270	10 μg/L
Antimony	EPA7041	2 μg/L
	EPA6010	2 μg/L
Aramite	EPA8270	10 μg/L
Arsenic	EPA7060	2 μg/L
Barium	EPA6010	3 μg/L
Benzene	EPA8240	1 μg/L
alpha-Benzene hexachloride	EPA8080	0.05 μg/L
	EPA8270	10 μg/L
beta-Benzene hexachloride	EPA8080	0.05 μg/L
	EPA8270	10 μg/L
delta-Benzene hexachloride	EPA8080	0.05 μg/L
	EPA8270	10 μg/L
Benzidine	EPA8270	10 μg/L
Benzo[*a*]anthracene	EPA8270	10 μg/L
Benzo[*b*]fluoranthene	EPA8270	10 μg/L
Benzo[*k*]fluoranthene	EPA8270	10 μg/L
Benzo[*a*]pyrene	EPA8270	10 μg/L
Benzo[*g,h,i*]perylene	EPA8270	10 μg/L
Benzyl alcohol	EPA8270	10 μg/L
Beryllium	EPA6010	5 μg/L
Bis(chloromethyl-ethyl)ether	EPA8240	10 μg/L
Bis(2-chloroethoxy) methane	EPA8270	10 μg/L
Bis(2-chloroethyl) ether	EPA8270	10 μg/L
Bis(2-chloroisopropyl) ether	EPA8270	10 μg/L

Table 12. Methods and Detection Limits Used by General Engineering (cont.)

Analyte	Method	Detection Limit
Bis(2-ethylhexyl) phthalate	EPA8270	10 µg/L
Bromide	EPA300.0	1,000 µg/L
Bromodichloromethane	EPA8240	1 µg/L
Bromoform	EPA8240	1 µg/L
Bromomethane (Methyl bromide)	EPA8240	1 µg/L
4-Bromophenyl phenyl ether	EPA8270	10 µg/L
Butylbenzyl phthalate	EPA8270	10 µg/L
2-sec-Butyl-4,6-dinitrophenol	EPA8270	10 µg/L
Cadmium	EPA6010	2 µg/L
Calcium	EPA6010	10 µg/L
Carbon disulfide	EPA8240	1 µg/L
Carbon tetrachloride	EPA8240	1 µg/L
	EPA8010	1 µg/L
Carbon 12-labeled 2,3,7,8-TCDD	EPA8280	4.5E-04 µg/L
Carbon 12-labeled 2,3,7,8-TCDF	EPA8280	4.0E-04 µg/L
Chlordane	EPA8080	0.5 µg/L
	EPA8270	10 µg/L
Chloride	EPA300.0	250 µg/L
4-Chloroaniline	EPA8270	10 µg/L
Chlorobenzene	EPA8240	1 µg/L
Chlorobenzilate	EPA8270	10 µg/L
para-Chloro-meta-cresol	EPA8270	10 µg/L
Chloroethane	EPA8240	1 µg/L
Chloroethene (Vinyl chloride)	EPA8240	1 µg/L
2-Chloroethyl vinyl ether	EPA8240	1 µg/L
	EPA8270	10 µg/L
Chloroform	EPA8240	1 µg/L
	EPA8010	1 µg/L
Chloromethane (Methyl chloride)	EPA8240	1 µg/L
2-Chloronaphthalene	EPA8270	10 µg/L
2-Chlorophenol	EPA8270	10 µg/L
4-Chlorophenyl phenyl ether	EPA8270	10 µg/L
Chloroprene	EPA8240	200 µg/L
Chromium	EPA6010	4 µg/L
Chrysene	EPA8270	10 µg/L
Cobalt	EPA6010	4 µg/L
Copper	EPA6010	4 µg/L
m-Cresol (3-Methylphenol)	EPA8270	10 µg/L
o-Cresol (2-Methylphenol)	EPA8270	10 µg/L
p-Cresol (4-Methylphenol)	EPA8270	10 µg/L
Cyanide	EPA9012	5 µg/L
p,p'-DDD	EPA8080	0.1 µg/L
	EPA8270	10 µg/L
p,p'-DDE	EPA8080	0.1 µg/L
	EPA8270	10 µg/L
p,p'-DDT	EPA8080	0.1 µg/L
	EPA8270	10 µg/L
Diallate	EPA8270	10 µg/L
Dibenz[a,h]anthracene	EPA8270	10 µg/L
Dibenzofuran	EPA8270	10 µg/L
Dibromochloromethane	EPA8240	1 µg/L
1,2-Dibromo-3-chloropropane	EPA8240	1.0 µg/L
Dibromomethane (Methylene bromide)	EPA8240	1 µg/L

Table 12. Methods and Detection Limits Used by General Engineering (cont.)

Analyte	Method	Detection Limit
1,2-Dibromoethane	EPA8240	20 µg/L
Di-n-butyl phthalate	EPA8270	10 µg/L
1,2-Dichlorobenzene	EPA8270	10 µg/L
1,3-Dichlorobenzene	EPA8270	10 µg/L
1,4-Dichlorobenzene	EPA8270	10 µg/L
3,3'-Dichlorobenzidine	EPA8270	20 µg/L
trans-1,4-Dichloro-2-butene	EPA8240	30 µg/L
Dichlorodifluoromethane	EPA8240	1 µg/L
1,1-Dichloroethane	EPA8240	1 µg/L
1,2-Dichloroethane	EPA8240	1 µg/L
trans-1,2-Dichloroethylene	EPA8240	1 µg/L
1,1-Dichloroethylene	EPA8240	1 µg/L
Dichloromethane (Methylene chloride)	EPA8240	1 µg/L
2,4-Dichlorophenol	EPA8270	10 µg/L
2,6-Dichlorophenol	EPA8270	10 µg/L
2,4-Dichlorophenoxyacetic acid	EPA8150	0.3 µg/L
1,2-Dichloropropane	EPA8240	1 µg/L
cis-1,3-Dichloropropene	EPA8240	1 µg/L
trans-1,3-Dichloropropene	EPA8240	1 µg/L
Dieldrin	EPA8080	0.5 µg/L
	EPA8270	10 µg/L
Diethyl phthalate	EPA8270	10 µg/L
Dimethoate	EPA8270	10 µg/L
p-Dimethylaminoazobenzene	EPA8270	10 µg/L
7,12-Dimethylbenz[a]anthracene	EPA8270	10 µg/L
3,3'-Dimethylbenzidine	EPA8270	10 µg/L
a,a-Dimethylphenethylamine	EPA8270	10 µg/L
2,4-Dimethyl phenol	EPA8270	10 µg/L
Dimethyl phthalate	EPA8270	10 µg/L
1,3-Dinitrobenzene	EPA8270	10 µg/L
2,4-Dinitrophenol	EPA8270	45 µg/L
2,4-Dinitrotoluene	EPA8270	10 µg/L
2,6-Dinitrotoluene	EPA8270	10 µg/L
Di-n-octyl phthalate	EPA8270	10 µg/L
1,4-Dioxane	EPA8270	10 µg/L
Diphenylamine	EPA8270	10 µg/L
1,2-Diphenylhydrazine	EPA8270	10 µg/L
Dissolved organic carbon	EPA9060	1,000 µg/L
Disulfoton	EPA8270	10 µg/L
Endosulfan I	EPA8080	0.1 µg/L
	EPA8270	10 µg/L
Endosulfan II	EPA8080	0.1 µg/L
	EPA8270	10 µg/L
Endosulfan sulfate	EPA8080	0.1 µg/L
	EPA8270	10 µg/L
Endrin	EPA8080	0.006 µg/L
	EPA8270	10 µg/L
Endrin aldehyde	EPA8080	0.1 µg/L
	EPA8270	10 µg/L
Ethylbenzene	EPA8240	1 µg/L
Ethyl methacrylate	EPA8270	10 µg/L
Ethyl methanesulfonate	EPA8270	10 µg/L
Famphur	EPA8270	10 µg/L
Fluoranthene	EPA8270	10 µg/L

Table 12. Methods and Detection Limits Used by General Engineering (cont.)

Analyte	Method	Detection Limit
Fluorene	EPA8270	10 µg/L
Fluoride	EPA340.1	100 µg/L
Heptachlor	EPA8080	0.05 µg/L
	EPA8270	10 µg/L
Heptachlor epoxide	EPA8080	0.05 µg/L
	EPA8270	10 µg/L
Heptachlorodibenzo-p-dioxin isomers	EPA8280	6.5E-04 µg/L
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA8280	6.5E-04 µg/L
Heptachlorodibenzo-p-furan isomers	EPA8280	4.5E-04 µg/L
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	EPA8280	4.5E-04 µg/L
Hexachlorobenzene	EPA8270	10 µg/L
Hexachlorobutadiene	EPA8270	10 µg/L
Hexachlorocyclopentadiene	EPA8270	10 µg/L
Hexachlorodibenzo-p-dioxin isomers	EPA8280	4.5E-04 µg/L
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA8280	4.5E-04 µg/L
Hexachlorodibenzo-p-furan isomers	EPA8280	4.0E-04 µg/L
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	EPA8280	4.0E-04 µg/L
Hexachloroethane	EPA8270	10 µg/L
Hexachlorophene	EPA8270	10 µg/L
Hexachloropropene	EPA8270	10 µg/L
2-Hexanone	EPA8240	1 µg/L
Indeno[1,2,3-*c,d*]pyrene	EPA8270	10 µg/L
Iodine	APHA415	100 µg/L
Iodomethane (Methyl iodide)	EPA8240	15 µg/L
Iron	EPA6010	4 µg/L
Isobutyl alcohol	EPA8240	100 µg/L
Isodrin	EPA8270	10 µg/L
Isophorone	EPA8270	10 µg/L
Isosafrole	EPA8270	10 µg/L
Kepone	EPA8270	10 µg/L
Lead	EPA7421	3 µg/L
Lindane (gamma-Benzene hexachloride)	EPA8080	0.005 µg/L
	EPA8270	10 µg/L
Lithium	EPA6010	5 µg/L
Magnesium	EPA6010	2 µg/L
Manganese	EPA6010	2 µg/L
Mercury	EPA7470	0.2 µg/L
Methacrylonitrile	EPA8240	50 µg/L
Methapyrilene	EPA8270	10 µg/L
Methoxychlor	EPA8080	0.5 µg/L
3-Methylcholanthrene	EPA8270	10 µg/L
2-Methyl-4,6-dinitrophenol	EPA8270	50 µg/L
Methyl ethyl ketone	EPA8240	1 µg/L
Methyl isobutyl ketone	EPA8240	1 µg/L
Methyl methacrylate	EPA8270	10 µg/L
Methyl methanesulfonate	EPA8270	10 µg/L
2-Methylnaphthalene	EPA8270	10 µg/L
Naphthalene	EPA8270	10 µg/L
1,4-Naphthoquinone	EPA8270	10 µg/L
1-Naphthylamine	EPA8270	10 µg/L
2-Naphthylamine	EPA8270	10 µg/L
Nickel	EPA6010	4 µg/L

Table 12. Methods and Detection Limits Used by General Engineering (cont.)

Analyte	Method	Detection Limit
Nitrate as nitrogen	EPA300.0	50 µg/L
	EPA353.3	50 µg/L
Nitrite as nitrogen	EPA300.0	10 µg/L
2-Nitroaniline	EPA8270	10 µg/L
3-Nitroaniline	EPA8270	10 µg/L
4-Nitroaniline	EPA8270	10 µg/L
Nitrobenzene	EPA8270	10 µg/L
2-Nitrophenol	EPA8270	10 µg/L
4-Nitrophenol	EPA8270	10 µg/L
4-Nitroquinoline-1-oxide	EPA8270	10 µg/L
N-Nitrosodi-n-butylamine	EPA8270	10 µg/L
N-Nitrosodiethylamine	EPA8270	10 µg/L
N-Nitrosodimethylamine	EPA8270	10 µg/L
N-Nitrosodiphenylamine	EPA8270	10 µg/L
N-Nitrosodi-propylamine	EPA8270	10 µg/L
N-Nitrosomethylethylamine	EPA8270	10 µg/L
N-Nitrosomorpholine	EPA8270	10 µg/L
N-Nitrosopiperidine	EPA8270	10 µg/L
N-Nitrosopyrrolidine	EPA8270	10 µg/L
5-Nitro-o-toluidine	EPA8270	10 µg/L
Octachlorodibenzo-p-dioxin isomers	EPA8280	.001 µg/L
Octachlorodibenzo-p-furan isomers	EPA8280	.001 µg/L
Oil and grease	EPA413.1	1,000 µg/L
Parathion	EPA8080	0.05 µg/L
Parathion methyl	EPA8080	0.05 µg/L
PCB 1016	EPA8080	0.5 µg/L
	EPA8270	150 µg/L
PCB 1221	EPA8080	0.5 µg/L
	EPA8270	150 µg/L
PCB 1232	EPA8080	0.5 µg/L
	EPA8270	150 µg/L
PCB 1242	EPA8080	0.5 µg/L
	EPA8270	150 µg/L
PCB 1248	EPA8080	0.5 µg/L
	EPA8270	150 µg/L
PCB 1254	EPA8080	1 µg/L
	EPA8270	150 µg/L
PCB 1260	EPA8080	1 µg/L
	EPA8270	150 µg/L
Pentachlorobenzene	EPA8270	10 µg/L
Pentachlorodibenzo-p-dioxin isomers	EPA8280	5.5E-04 µg/L
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA8280	5.5E-04 µg/L
Pentachlorodibenzo-p-furan isomers	EPA8280	5.5E-04 µg/L
1,2,3,7,8-Pentachlorodibenzo-p-furan	EPA8280	5.5E-04 µg/L
Pentachloroethane	EPA8270	10 µg/L
Pentachloronitrobenzene	EPA8270	10 µg/L
Pentachlorophenol	EPA8270	10 µg/L
pH	EPA150.1	-
Phenacetin	EPA8270	10 µg/L
Phenanthrene	EPA8270	10 µg/L
Phenol	EPA8270	10 µg/L

- No detection limit

Table 12. Methods and Detection Limits Used by General Engineering (cont.)

Analyte	Method	Detection Limit
Phenols	EPA420.2	5 µg/L
p-Phenylenediamine	EPA8270	10 µg/L
Phorate	EPA8080	0.1 µg/L
2-Picoline	EPA8270	10 µg/L
Potassium	EPA6010	500 µg/L
Pronamid	EPA8270	10 µg/L
Propionitrile	EPA8240	200 µg/L
Pyrene	EPA8270	10 µg/L
Pyridine	EPA8270	10 µg/L
Safrole	EPA8270	10 µg/L
Selenium	EPA7740	2 µg/L
Silica	EPA6010	100 µg/L
Silver	EPA6010	2 µg/L
Sodium	EPA6010	10 µg/L
Specific conductance	EPA120.1	1 µS/cm
Styrene	EPA8240	1 µg/L
Sulfate	EPA300.0	1,000 µg/L
Sulfide	EPA9030	1,000 µg/L
Sulfotepp	EPA8270	10 µg/L
1,2,4,5-Tetrachlorobenzene	EPA8270	10 µg/L
Tetrachlorodibenzo-p-dioxin isomers	EPA8280	4.5E-04 µg/L
Tetrachlorodibenzo-p-furan isomers	EPA8280	4.0E-04 µg/L
1,1,1,2-Tetrachloroethane	EPA8240	1 µg/L
1,1,2,2-Tetrachloroethane	EPA8240	1 µg/L
Tetrachloroethylene	EPA8240	1 µg/L
	EPA8010	1 µg/L
2,3,4,6-Tetrachlorophenol	EPA8270	10 µg/L
Thallium	EPA7841	2 µg/L
Thionazin	EPA8270	10 µg/L
Tin	EPA6010	2 µg/L
Toluene	EPA8240	1 µg/L
o-Toluidine	EPA8270	10 µg/L
Total carbon	EPA9060	1,000 µg/L
Total dissolved solids	EPA160.1	1,000 µg/L
Total inorganic carbon	EPA9060	1,000 µg/L
Total organic carbon	EPA9060	1,000 µg/L
Total organic halogens	EPA9020	5 µg/L
Total organic nitrogen	APHA420A	100 µg/L
Total petroleum hydrocarbons	EPA418.1	1,000 µg/L
Total phosphates (as P)	EPA365.1	100 µg/L
Total silica	EPA6010	100 µg/L
Toxaphene	EPA8080	0.24 µg/L
	EPA8270	10 µg/L
2,4,5-TP (Silvex)	EPA8150	0.09 µg/L
Tributyl phosphate	EPA8270	10 µg/L
1,2,4-Trichlorobenzene	EPA8270	10 µg/L
1,1,1-Trichloroethane	EPA8240	1 µg/L
	EPA8010	1 µg/L
1,1,2-Trichloroethane	EPA8240	1 µg/L
Trichloroethylene	EPA8240	1 µg/L
	EPA8010	1 µg/L
Trichlorofluoromethane	EPA8240	1 µg/L
2,4,5-Trichlorophenol	EPA8270	10 µg/L
2,4,6-Trichlorophenol	EPA8270	10 µg/L

Table 12. Methods and Detection Limits Used by General Engineering (cont.)

Analyte	Method	Detection Limit
2,4,5-Trichlorophenoxyacetic acid	EPA8150	.09 µg/L
1,2,3-Trichloropropane	EPA8240	20 µg/L
O,O,O-Triethyl phosphorothioate	EPA8270	10 µg/L
1,3,5-Trinitrobenzene	EPA8270	10 µg/L
Turbidity	EPA180.1	0.1 NTU
Uranium	EPA6010	1,000 µg/L
Vanadium	EPA6010	10 µg/L
Vinyl acetate	EPA8240	1 µg/L
Xylenes	EPA8240	1 µg/L
Zinc	EPA6010	2 µg/L
Gross alpha	EPA900.0	2E-09 µCi/mL
Nonvolatile beta	EPA900.0	2E-09 µCi/mL
Total radium	EPA900.1	1E-09 µCi/mL
Tritium	EPA906.0	7E-07 µCi/mL
Uranium alpha activity	EPA908.0	1E-09 µCi/mL

8. 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. This quarter, however, GE replaced some duplicate analyses with duplicate spike recovery determinations. Those results are not reported or evaluated in this report.

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 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 13 lists the names and sample dates of wells used as blind replicates for GE and the M-Area Laboratory.

Table 13. Wells Providing Blind Replicate Samples

To General Engineering

Well	Sample Date	Well	Sample Date
ABP 1A	7/19/91	HSB 84A	7/22/91
AMB 10D	8/21/91	HSB110C	7/19/91
ASB 7	8/12/91	HSB143C	7/29/91
BG 93	8/02/91	IDB 6	9/05/91
BGO 27C	7/12/91	KAC 3	8/14/91
BGO 35C	7/15/91	KSB 2	8/20/91
BGX 9D	8/09/91	LFW 10A	8/15/91
BRD 5D	8/22/91	LFW 40	8/26/91
CMP 10B	8/20/91	LSB 3	9/04/91
CSD 12D	8/15/91	MCB 6C	8/13/91
DCB 2A	9/10/91	MSB 1B	7/27/91
DOB 2	9/09/91	MSB 4B	8/03/91
FAC 4	8/28/91	MSB 18B	7/16/91
FCB 3	8/23/91	MSB 29C	8/09/91
FNB 1	8/27/91	MSB 33B	7/27/91
FSB 76B	7/11/91	MSB 43B	8/08/91
FSB 99A	7/17/91	MSB 64C	8/10/91
HCA 2	8/21/91	P 26B	8/29/91
HCB 2	8/14/91	PAC 1	8/30/91
HMD 2D	8/05/91	PCB 4A	8/20/91

Table 13. Wells Providing Blind Replicate Samples (cont.)

Well	Sample Date
PSB 7A	8/19/91
PSS 2D	8/20/91
SBG 6	8/22/91
SRW 8	7/23/91
TBG 1	9/09/91
TNX 12D	9/03/91
XSB 3A	9/03/91
YSC 5A	8/23/91
ZBG 1	8/23/91

To M-Area Laboratory

Well	Sample Date
ACB 1A	7/28/91
AOB 1	8/04/91
ASB 7	8/12/91
MSB 21B	8/01/91
MSB 30C	7/11/91
MSB 33B	7/27/91
MSB 44B	8/06/91
MSB 73B	7/31/91

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 14. See Table 12 on page 65 for the detection limits that are effective this quarter.

Table 14. Analytes Not Showing Measurable Concentrations Above Detection Limits in Any Replicated or Duplicated Samples

Analyte	Number of Analyses	Analyte	Number of Analyses
Acenaphthene	18	Butylbenzyl phthalate	18
Acenaphthylene	18	2-sec-Butyl-4,6-dinitrophenol	14
Acetonitrile (Methyl cyanide)	14	Carbon 12-labeled 2,3,7,8-TCDD	26
Acetophenone	18	Carbon 12-labeled 2,3,7,8-TCDF	20
2-Acetylaminofluorene	14	Carbon disulfide	14
Acrolein	14	Chlordane	56
Acrylonitrile	14	4-Chloroaniline	14
Aldrin	58	Chlorobenzene	60
Allyl chloride	14	Chlorobenzilate	14
4-Aminobiphenyl	14	para-Chloro-meta-cresol	18
Aniline	14	Chloroethane	60
Anthracene	18	Chloroethene (Vinyl chloride)	60
Aramite	14	2-Chloroethyl vinyl ether	72
alpha-Benzene hexachloride	54	Chloromethane (Methyl chloride)	60
beta-Benzene hexachloride	58	2-Chloronaphthalene	18
delta-Benzene hexachloride	54	2-Chlorophenol	18
Benzidine	4	4-Chlorophenyl phenyl ether	18
Benzo[*a*]anthracene	18	Chloroprene	14
Benzo[*b*]fluoranthene	18	Chrysene	18
Benzo[*k*]fluoranthene	18	Cobalt	34
Benzo[*g,h,i*]perylene	18	m-Cresol (3-Methylphenol)	14
Benzo[*a*]pyrene	18	o-Cresol (2-Methylphenol)	14
Benzyl alcohol	14	p-Cresol (4-Methylphenol)	14
Beryllium	26	Cyanide	88
Bis(2-chloroethoxy) methane	18	p,p'-DDD	54
Bis(2-chloroethyl) ether	18	p,p'-DDE	54
Bis(2-chloroisopropyl) ether	18	p,p'-DDT	54
Bis(2-ethylhexyl) phthalate	18	Diallate	14
Bromodichloromethane	60	Dibenz[*a,h*]anthracene	18
Bromoform	60	Dibenzofuran	14
Bromomethane (Methyl bromide)	60	Dibromochloromethane	60
4-Bromophenyl phenyl ether	18	1,2-Dibromo-3-chloropropane	14

Table 14. Analytes Not Showing Measurable Concentrations Above Detection Limits in Any Replicated or Duplicated Samples (cont.)

Analyte	Number of Analyses
1,2-Dibromoethane	14
Dibromomethane (Methylene bromide)	14
Di-n-butyl phthalate	18
1,2-Dichlorobenzene	14
1,3-Dichlorobenzene	14
1,4-Dichlorobenzene	18
3,3'-Dichlorobenzidine	18
trans-1,4-Dichloro-2-butene	14
Dichlorodifluoromethane	14
1,2-Dichloroethane	60
trans-1,2-Dichloroethylene	60
2,4-Dichlorophenol	18
2,6-Dichlorophenol	14
2,4-Dichlorophenoxyacetic acid	58
1,2-Dichloropropane	60
cis-1,3-Dichloropropene	60
trans-1,3-Dichloropropene	60
Dieldrin	54
Diethyl phthalate	18
Dimethoate	14
p-Dimethylaminoazobenzene	14
7,12-Dimethylbenz[*a*]anthracene	14
3,3'-Dimethylbenzidine	14
a,a-Dimethylphenethylamine	14
2,4-Dimethyl phenol	18
Dimethyl phthalate	18
1,3-Dinitrobenzene	14
2,4-Dinitrophenol	18
2,4-Dinitrotoluene	18
2,6-Dinitrotoluene	18
Di-n-octyl phthalate	18
1,4-Dioxane	14
Diphenylamine	14
1,2-Diphenylhydrazine	4
Disulfoton	14
Endosulfan I	54
Endosulfan II	54
Endosulfan sulfate	58
Endrin	98
Endrin aldehyde	54
Ethyl methacrylate	14
Ethyl methanesulfonate	14
Famphur	14
Fluoranthene	18
Fluorene	18
Heptachlor	54
Heptachlor epoxide	54
1,2,3,4,6,7,8-HPCDD	26
Heptachlorodibenzo-p-dioxin isomers	26
1,2,3,4,6,7,8-HPCDF	20
Heptachlorodibenzo-p-furan isomers	22
Hexachlorobenzene	18
Hexachlorobutadiene	18
Hexachlorocyclopentadiene	18
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	26
Hexachlorodibenzo-p-dioxin isomers	26
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	20
Hexachlorodibenzo-p-furan isomers	22
Hexachloroethane	18
Hexachlorophene	14
Hexachloropropene	14
2-Hexanone	14
Indeno[1,2,3-*c,d*]pyrene	18
Iodomethane (Methyl iodide)	14
Isobutyl alcohol	14
Isodrin	14
Isophorone	18
Isosafrole	14
Kepone	14
Lindane (gamma-Benzene hexachloride)	100
Methacrylonitrile	14
Methapyrilene	14
Methoxychlor	58
3-Methylcholanthrene	14
2-Methyl-4,6-dinitrophenol	18
Methyl ethyl ketone	14
Methyl isobutyl ketone	14
Methyl methacrylate	14
Methyl methanesulfonate	14
2-Methylnaphthalene	14
Naphthalene	22
1,4-Naphthoquinone	14
1-Naphthylamine	14
2-Naphthylamine	14
Nitrite as nitrogen	38
2-Nitroaniline	14
3-Nitroaniline	14
4-Nitroaniline	14
Nitrobenzene	18
2-Nitrophenol	18
4-Nitrophenol	18
4-Nitroquinoline-1-oxide	14
N-Nitrosodi-n-butylamine	14
N-Nitrosodiethylamine	14
N-Nitrosodimethylamine	18
N-Nitrosodiphenylamine	18
N-Nitrosodipropylamine	18
N-Nitrosomethylethylamine	14
N-Nitrosomorpholine	14
N-Nitrosopiperidine	14
N-Nitrosopyrrolidine	14
5-Nitro-o-toluidine	14
Octachlorodibenzo-p-dioxin isomers	26
Octachlorodibenzo-p-furan isomers	22
Parathion	14

Table 14. Analytes Not Showing Measurable Concentrations Above Detection Limits in Any Replicated or Duplicated Samples (cont.)

Analyte	Number of Analyses
Parathion methyl	14
PCB 1016	26
PCB 1221	26
PCB 1232	26
PCB 1242	26
PCB 1248	26
PCB 1254	26
PCB 1260	26
Pentachlorobenzene	14
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	26
Pentachlorodibenzo-p-dioxin isomers	26
1,2,3,7,8-Pentachlorodibenzo-p-furan	20
Pentachlorodibenzo-p-furan isomers	22
Pentachloroethane	14
Pentachloronitrobenzene	14
Pentachlorophenol	18
Phenacetin	14
Phenanthrene	18
Phenol	22
p-Phenylenediamine	14
Phorate	14
2-Picoline	14
Pronamid	14
Propionitrile	14
Pyrene	18
Pyridine	14
Safrole	14
Silver	77
Styrene	14
Sulfide	70
Sulfotepp	14
1,2,4,5-Tetrachlorobenzene	14
Tetrachlorodibenzo-p-dioxin isomers	26
Tetrachlorodibenzo-p-furan isomers	22
1,1,1,2-Tetrachloroethane	14
1,1,2,2-Tetrachloroethane	60
2,3,4,6-Tetrachlorophenol	14
Thallium	39
Thionazin	14
Tin	9
o-Toluidine	14
Total petroleum hydrocarbons	4
Toxaphene	98
2,4,5-TP (Silvex)	58
Tributyl phosphate	4
1,2,4-Trichlorobenzene	18
1,1,2-Trichloroethane	60
2,4,5-Trichlorophenol	14
2,4,6-Trichlorophenol	18
2,4,5-Trichlorophenoxyacetic acid	14
1,2,3-Trichloropropane	14
O,O,O-Triethyl phosphorothioate	14
1,3,5-Trinitrobenzene	14
Uranium	20
Vanadium	38
Vinyl acetate	14
Xylenes	18
Uranium alpha activity	13

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 i^{th} 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 GE is listed in Table 15.

Table 15. Intralaboratory MRD Index for General Engineering

		In-house Duplicates		Blind Replicates	
Analyte	RDL	Number of Analyses	MRD	Number of Analyses	MRD
Acetone	1.0 µg/L	0	–	6	90.48
Alkalinity (as $CaCO_3$)	1,000 µg/L	19	1.33	5	17.78
Aluminum	20 µg/L	0	–	22	7.37
Antimony	2.0 µg/L	11	0.70	21	3.26
Arsenic	2.0 µg/L	17	–	37	0.64
Barium	3.0 µg/L	0	–	38	3.39
Benzene	1.0 µg/L	0	–	29	0.15
Bromide	1,000 µg/L	15	0.04	5	–
Cadmium	2.0 µg/L	0	–	40	0.11
Calcium	10 µg/L	0	–	33	2.48
Carbon tetrachloride	1.0 µg/L	0	–	44	5.94
Chloride	250 µg/L	78	2.87	36	5.98
Chloroform	1.0 µg/L	0	–	44	1.85
Chromium	4.0 µg/L	0	–	42	2.08
Copper	4.0 µg/L	0	–	26	5.68
1,1-Dichloroethane	1.0 µg/L	0	–	29	0.41
1,1-Dichloroethylene	1.0 µg/L	0	–	29	6.11
Dichloromethane (Methylene chloride)	1.0 µg/L	0	–	29	30.26
Dissolved organic carbon	1,000 µg/L	3	0.00	1	0.00
Ethylbenzene	1.0 µg/L	0	–	29	0.15
Fluoride	100 µg/L	79	1.23	36	1.62
Iodine	100 µg/L	7	0.45	2	60.63
Iron	4.0 µg/L	0	–	46	10.15
Lead	3.0 µg/L	17	2.84	45	4.57
Lithium	5.0 µg/L	0	–	4	0.47
Magnesium	2.0 µg/L	0	–	34	2.41
Manganese	2.0 µg/L	0	–	43	4.39
Mercury	0.2 µg/L	0	–	39	1.49
Nickel	4.0 µg/L	0	–	31	1.17
Nitrate as nitrogen	50 µg/L	82	7.50	40	10.02
pH	N/A	0	–	37	3.00
Phenols	5.0 µg/L	49	0.00	27	6.59
Potassium	500 µg/L	0	–	33	3.20
Selenium	2.0 µg/L	17	–	39	0.08
Silica	100 µg/L	0	–	33	3.36
Sodium	10.0 µg/L	0	–	37	2.58
Specific conductance	1 µS/cm	5	1.08	36	8.48
Sulfate	1,000 µg/L	67	2.71	39	16.66
Tetrachloroethylene	1.0 µg/L	0	–	44	6.88

– No results above reference detection limit.

Table 15. 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
Toluene	1.0 µg/L	0	-	29	0.37
Total dissolved solids	1,000 µg/L	73	7.90	29	31.76
Total carbon	1,000 µg/L	6	1.96	2	9.09
Total inorganic carbon	1,000 µg/L	2	0.00	2	9.09
Total organic carbon	1,000 µg/L	70	7.59	39	4.82
Total organic halogens	5.0 µg/L	68	8.24	38	78.55
Total organic nitrogen	100 µg/L	0	-	2	19.05
Total phosphates (as P)	100 µg/L	79	3.24	46	4.65
1,1,1-Trichloroethane	1.0 µg/L	0	-	44	1.55
Trichloroethylene	1.0 µg/L	0	-	45	8.58
Trichlorofluoromethane	1.0 µg/L	0	-	29	7.16
Turbidity	0.1 NTU	12	4.88	5	32.18
Zinc	2.0 µg/L	0	-	19	16.12
Gross alpha	2.0E-9 µCi/mL	45	3.16	44	5.95
Nonvolatile beta	2.0E-9 µCi/mL	43	8.65	38	10.74
Total radium	1.0E-9 µCi/mL	45	17.04	44	39.21*
Tritium	7.0E-8 µCi/mL	64	6.81	41	11.29

- No results above reference detection limit.
* No allowance for accuracy was made.

COMMENTS ON THE REPLICATE AND DUPLICATE ANALYSES

No high MRDs (greater than 20) were calculated for GE laboratory duplicates (see Table 15). Table 16 lists analytes and wells from which samples and laboratory duplicates yielded results where one result was more than twice the other.

Table 16. General Engineering Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Chloride	HSB114C
Nitrate as nitrogen	FAC 6, FSB 79C, TBG 1
Total organic carbon	HSB122A, MSB 35TA
Total organic halogens	AMB 9D, SRW 14A, YSC 1C
Total phosphates (as P)	FSB104C, HSB107C
Total radium	FSB 87B
Tritium	HSB114C

High MRDs (greater than 20) for blind replicates from General Engineering (see Table 15) were calculated for acetone, dichloromethane (methylene chloride), iodine, total dissolved solids, total organic halogens, total radium, and turbidity. Table 17 lists the analytes and wells from which samples and blind replicates yielded results where one result was more than twice the other.

Table 17. General Engineering Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Acetone	AMB 10D, FNB 1, MSB 64C
Aluminum	IDB 6
Carbon tetrachloride	TBG 1
Chloride	KAC 3
Chromium	HCB 2
Copper	HCB 2
1,1-Dichloroethylene	LFW 10A
Dichloromethane (Methylene chloride)	AMB 10D, BGX 9D, HSB110C, HSB143C, KAC 3
Iodine	IDB 6
Iron	BRD 5D, HCB 2, IDB 6
Manganese	HCB 2
Nitrate as nitrogen	HMD 2D
Phenols	BRD 5D
Sulfate	FNB 1, MSB 64C, PCB 4A
Tetrachloroethylene	HSB 84A
Total dissolved solids	ABP 1A, BG 93, MSB 1B
Total organic halogens	ASB 7, BGO 27C, BGO 35C, BGX 9D, BRD 5D, DCB 2A, DOB 2, FAC 4, FCB 3, FNB 1, HMD 2D, HSB 84A, KAC 3, MCB 6C, MSB 29C, PAC 1, SRW 8, TBG 1, YSC 5A
Total phosphates (as P)	FSB 99A
Trichloroethylene	SRW 8, TFG 1
Trichlorofluoromethane	FNB 1
Turbidity	FAC 4
Nonvolatile beta	ABP 1A
Total radium	ASB 7, BGX 9D, DCB 2A, HMD 2D, KAC 3, MCB 6C, MSB 4B, MSB 18B, MSB 43B, PSS 2D, SBG 6, YSC 5A

QUALITY CONTROL STANDARDS

During the third quarter of 1991, EPD/EMS conducted a quality assessment of General Engineering, the primary laboratory used for sample analysis. The laboratory was sent three sets of certified environmental quality control standards (Batch Numbers 2533, 2602, and 410). The following analyses are listed: common analyses in Table 18, Appendix IX analyses in Table 19, and inorganics in Table 20. All three sets of standards were purchased from Environmental Resource Associates (ERA) of Arvada, CO.

The results of these analyses were reviewed by comparing GE's results with the ERA-certified values and advisory ranges. 104 of 109 results, or 95%, fell within the advisory range.

Table 18. Quality Control Standards for Common Analyses, Batch No. 2533

Analyte	Certified Value	Advisory Range	GE Result
Chlorine (µg/L)	1,770	1,500–2,100	1,710
Turbidity (NTU)	3.50	3.0–4.0	3.46

Table 18. Quality Control Standards for Common Analyses, Batch No. 2533 (cont.)

Analyte	Certified Value	Advisory Range	GE Result
Inorganics			
Alkalinity (as $CaCO_3$) (mg/L)	51.2	43–59	51.4
Fluoride (µg/L)	6,740	5,700–7,800	6,500
Nitrate as nitrogen (µg/L)	6,410	5,700–7,100	6,170
pH	9.1	8.8–9.4	9.15
Potassium (µg/L)	31,800	27,000–37,000	62,400*
Sodium (µg/L)	60,800	51,000–70,000	32,700*
Sulfate (µg/L)	77,800	67,000–89,000	74,500
Metals			
Antimony (µg/L)	78.0	58–92	78.5
Arsenic (µg/L)	47.3	35–56	46.6
Barium (µg/L)	186	152–219	192
Beryllium (µg/L)	52.8	43–62	48.3
Cadmium (µg/L)	81.8	67–96	84.5
Calcium (µg/L)	21,700	17,000–26,000	22,100
Chromium (µg/L)	126	103–149	132
Copper (µg/L)	149	122–176	153
Hardness as $CaCO_3$ (mg/L)	54.2	44–64	55.2
Iron (µg/L)	163	134–192	164
Lead (µg/L)	103	84–122	107
Manganese (µg/L)	121	99–143	124
Mercury (µg/L)	3.12	2.3–3.9	3.45
Nickel (µg/L)	89.3	73–105	91.3
Selenium (µg/L)	31.6	23–37	29.8
Silver (µg/L)	43.4	35–51	42.6
Thallium (µg/L)	75.6	56–89	79.7
Herbicides/Pesticides			
2,4-Dichlorophenoxyacetic acid (µg/L)	3.19	0.96–4.1	2.71
Endrin (µg/L)	2.19	0.66–3.2	1.93
Lindane (gamma-Benzene hexachloride) (µg/L)	1.00	0.29–1.4	1.11
Methoxychlor (µg/L)	4.20	1.3–6.7	3.33
Toxaphene (µg/L)	1.81	0.74–2.3	1.20
2,4,5-TP (Silvex) (µg/L)	2.91	0.87–3.8	2.36
Halomethanes			
Bromodichloromethane (µg/L)	39.8	14–62	30.0
Bromoform (µg/L)	13.0	5.9–22	6.9
Chloroform (µg/L)	81.8	56–99	84.3
Dibromochloromethane (µg/L)	15.0	8.0–22	8.66
Volatiles			
Benzene (µg/L)	8.48	3.1–13	8.91
Carbon tetrachloride (µg/L)	13.0	9.1–18	13.1

* Results out of range

Table 18. Quality Control Standards for Common Analyses, Batch No. 2533 (cont.)

Analyte	Certified Value	Advisory Range	GE Result
Chloroethene (Vinyl chloride) (µg/L)	2.38	0.36–6.0	4.56
1,4-Dichlorobenzene (µg/L)	18.0	6.5–34	18.3
1,2-Dichloroethane (µg/L)	9.28	4.5–14	9.33
1,1-Dichloroethylene (µg/L)	16.0	3.0–23	20.9
1,1,1-Trichloroethane (µg/L)	4.69	2.4–7.6	4.20
Trichloroethylene (µg/L)	13.8	9.8–22	13.5
Unregulated Volatiles			
Chlorobenzene (µg/L)	12.9	4.8–21	13.9
o-Chlorotoluene (µg/L)	21.1	12–24	21.4
1,2-Dibromoethane (µg/L)	15.5	8.6–21	7.88*
1,2-Dichlorobenzene (µg/L)	11.8	4.2–22	12.4
trans-1,2-Dichloroethylene (µg/L)	18.6	10–29	24.3
1,2-Dichloropropane (µg/L)	19.9	3.8–36	19.7
Ethyl benzene (µg/L)	35.7	13–58	36.9
Dichloromethane (Methylene chloride) (µg/L)	23.0	8.0–47	29.3
1,1,1,2-Tetrachloroethane (µg/L)	6.63	3.0–10	6.92
Toluene (µg/L)	4.27	2.0–6.4	4.88
1,1,2-Trichloroethane (µg/L)	21.8	11–33	22.9

* Results out of range.

Table 19. 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	24.4
Carbon tetrachloride	8.44	5.9–11	6.24
1,2-Dibromoethane (µg/L)	17.1	7.7–27	12.4
1,4-Dioxane (µg/L)	37.7	5.7–68	29.4
Ethyl acetate (µg/L)	46.6	7.1–83	38.8
Ethylbenzene (µg/L)	7.59	2.8–10	5.55
1,1,1-Trichloroethane (µg/L)	24.1	12–39	16.1
Base/Neutrals			
Acenaphthene (µg/L)	29.8	14–45	25.6
Aniline (µg/L)	117	35–190	80.5
Bis(2-chloroethyl) ether (µg/L)	75.4	9.1–110	70.8
Bis(2-ethylhexyl) phthalate (µg/L)	50.2	14–79	33.6
1,4-Dichlorobenzene (µg/L)	65.4	28–82	55.0
Hexachlorophene (µg/L)	267	80–430	207
N-Nitrosodi-n-butylamine (µg/L)	153	46–240	151
Phenanthrene (µg/L)	48.9	26–59	47.3
1,3,5-Trinitrobenzene (µg/L)	33.9	5.1–61	13.5

Table 19. Quality Control Standards for Appendix IX Analyses, Batch No. 2602 (cont.)

Analyte	Certified Value	Advisory Range	GE Result
Acids			
o-Cresol (2-Methylphenol) (μg/L)	111	33–140	72.4
2,6-Dichlorophenol (μg/L)	44.3	14–71	41.4
2,4,6-Trichlorophenol (μg/L)	54.6	20–79	52.1
Pesticides			
Dieldrin (μg/L)	0.503	0.21–0.92	0.543
Endrin (μg/L)	1.97	0.59–2.9	1.36
Isodrin (μg/L)	0.543	0.13–0.98	1.54*
Kepone (μg/L)	1.67	0.25–3.1	1.28
Parathion (μg/L)	2.77	0.74–4.9	3.37
PCBs			
Aroclor 1016 (μg/L)	2.03	1.1–2.3	2.01
Aroclor 1260 (μg/L)	1.21	0.39–1.5	1.22

* Results out of range.

Table 20. Quality Control Standards for Priority Pollutants Analyses, Batch No. 410

Analyte	Certified Value	Advisory Range	GE Result
Trace Metals			
Aluminum (μg/L)	626	513–739	685
Antimony (μg/L)	242	182–286	258
Arsenic (μg/L)	131	98–154	112
Barium (μg/L)	356	291–420	360
Beryllium (μg/L)	124	101–146	126
Boron (μg/L)	197	161–232	242*
Cadmium (μg/L)	164	134–194	178
Chromium (μg/L)	437	358–516	478
Cobalt (μg/L)	338	277–399	365
Copper (μg/L)	414	339–488	443
Iron (μg/L)	621	509–733	666
Lead (μg/L)	261	214–308	271
Manganese (μg/L)	379	311–447	401
Mercury (μg/L)	5.7	4.2–7.2	5.8
Molybdenum (μg/L)	455	373–537	498
Nickel (μg/L)	485	398–572	527
Selenium (μg/L)	124	93–146	125
Silver (μg/L)	117	96–138	119
Strontium (μg/L)	209	171–247	224
Thallium (μg/L)	112	84–132	116
Vanadium (μg/L)	269	220–317	292
Zinc (μg/L)	449	368–530	477

Table 20. Quality Control Standards for Priority Pollutants Analyses, Batch No. 410 (cont.)

Analyte	Certified Value	Advisory Range	GE Result
Cations			
Calcium (μg/L)	56,000	46,000–66,000	55,700
Magnesium (μg/L)	70,000	57,000–82,000	70,500
Potassium (μg/L)	49,000	40,000–58,000	51,600
Sodium (μg/L)	72,000	59,000–85,000	71,900
Cyanide and Phenol			
Cyanide (μg/L)	247	180–310	205
Phenol (μg/L)	252	190–310	235

* 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: sampling 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.

Sampling Blanks

Three types of sampling blanks were sent to the laboratories during third 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 or metals filter to test for equipment contamination. Results from these blanks are used to identify possible contaminants in the sampling equipment.

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.

Analytical Results and Review

Thallium was detected above Flag 2 in one equipment blank during third quarter.

Third-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 blanks tables beginning on page 85 list the dates, field measurements, and analytical results for all three types of sampling blanks.

QUALITY CONTROL SAMPLES

Equipment blanks associated with laboratory blanks and EPD/EMS blind blanks having elevated results are listed below in Tables 21 and 22.

Table 21. Equipment Blanks Associated With General Engineering Laboratory Blanks Having Elevated Results

Analyte	Run date	Result	Associated Samples
Tin	7/24/91	3.08 µg/L	EPT 10
Tin	7/26/91	2.22 µg/L; 2.28 µg/L	EPT 11, EPT 18, EPT 19, EPT 20, EPT 21
Tin	9/03/91	2.22 µg/L	EPT 82, EPT 83
Tin	9/05/91	2.00 µg/L	EPT 95, EPT 96
Tin	9/30/91	2.25 µg/L; 2.81 µg/L	EPT113

Table 22. Equipment Blanks Associated With EPD/EMS Blind Blanks Having Elevated Results

Analyte	Run Date	Result	Associated Samples
Silica	8/29/91	18,600 µg/L; 32,100 µg/L	EPT 81
Silica	8/30/91	26,700 µg/L	EPT 84, EPT 85
Silica	9/03/91	20,700 µg/L	EPT 89, EPT 90
Silica	9/03/91	19,700 µg/L	EPT 88, EPT 91
Silica	9/05/91	20,200 µg/L; 17,300 µg/L	EPT 95, EPT 96
Silica	9/09/91	17,500 µg/L	EPT 99, EPT100, EPT102, EPT104
Silica	9/11/91	15 000 µg/L	EPT103
Tin	7/24/91	2.23 µg/L	EPT 10

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 7:45
Depth to water: Not available — pH: 5.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 27.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	5.0	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)	8.2	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	<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	<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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
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)	<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	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	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 ± 2.6E-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: 07/11/91 — Time: 5:55
Depth to water: Not available — pH: 5.6
Water elevation: Not available — Alkalinity: 2 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 31.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	5.0	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	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	Cobalt	<4.0	µg/L	GE
0	Copper	<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	<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	60	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Total dissolved solids	6,000	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	Trichloroethylene	<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	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
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91 — Time: 8:10
Depth to water: Not available — pH: 5.9
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	pH	6.0	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Turbidity	<0.10	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	<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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 07/12/91, 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	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	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	<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	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	<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	Tin	2.2	µg/L	GE
0	Toluene	3.3	µg/L	GE
0	Total dissolved solids	<1,000	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)	<100	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	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 BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 8:35
pH: 5.7
Alkalinity: 1 mg/L
Water temperature: 28.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acetophenone	<10	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	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	<5.0	µg/L	GE
0	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 BLANK collected on 07/15/91, 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)	2.4	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	<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	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	<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	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	1.1	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	50	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	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	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 BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 10:55
pH: 4.5
Alkalinity: 1 mg/L
Water temperature: 26.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	5.0	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	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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)	2.8	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL BLANK collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	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 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	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 6:05
pH: 6.8
Alkalinity: 1 mg/L
Water temperature: 24.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	5.0	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)	5.9	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	<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	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	Thallium	<2.0	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
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	340	µg/L	GE
0	Toxaphene	<0.24	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 BLANK collected on 07/17/91, 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	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	3.4E-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 BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:00
pH: 5.7
Alkalinity: 1 mg/L
Water temperature: 25.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	6.6	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Specific conductance	5.0	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	1.8	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	<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	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)	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	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	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 07/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	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	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	60	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	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	Sulfide	<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	8,000	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 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)	<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	Vanadium	<10	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: 07/22/91 — Time: 8:25
Depth to water: Not available — pH: 5.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 25.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.3	mg/L	GE
0	Aluminum	<20	µg/L	GE
2	Antimony	5.6	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

WELL BLANK collected on 07/22/91, 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	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)	1.6	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	Iron	<4.0	µg/L	GE
0	Lead	3.2	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	Potassium	<500	µg/L	GE
0	Selenium	<10	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13	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	<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 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	<2.0	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	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 — Time: 7:20
Depth to water: Not available — pH: 6.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 27.0°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	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	1,2-Dichloropropane	<1.0	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	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 halogens	<5.0	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

WELL BLANK collected on 07/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	1.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.5E-09	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:40
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 27.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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 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	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	<0.10	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	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)	<1.0	µg/L	GE

WELL BLANK collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<20	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)	20	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	Magnesium	<2.0	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	<1.0	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	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	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	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<5.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
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	1,2,4-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	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	3.6	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 ± 2.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:30
pH: 4.4
Alkalinity: 1 mg/L
Water temperature: 26.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	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	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	<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	Tetrachloroethylene	<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	<10	µg/L	LC
0	Total organic halogens	<10	µg/L	LC
0	Total phosphates (as P)	<100	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	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:30
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 26.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	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	<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)	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

WELL BLANK collected on 07/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	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 dissolved solids	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 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	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	Total radium	1.1E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 7:50
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	5.0	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	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	7,000	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	<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: 08/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 8:10
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 24.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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 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	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	<0.10	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	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)	<1.0	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	<20	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/03/91, 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)	4.8	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	Magnesium	<2.0	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	1.4	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

WELL BLANK collected on 08/03/91, 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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14	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	12,000	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	1,2,4-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	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	<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	3.2E-09 ± 3.0E-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: 08/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:20
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 28.1°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	Benzene	<1.0	µg/L	GE

WELL BLANK collected on 08/05/91, 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	< 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)	2.2	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	< 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	380	µg/L	GE
0	Nitrate as nitrogen	380	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	< 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	1.1	µg/L	GE
0	Total dissolved solids	14,000	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	67	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-T (Silvex)	< 0.090	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	< 7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 7:00
Depth to water: Not available — pH: 5.2
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 26.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	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	< 0.050	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	Aluminum	< 20	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

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

F	Analyte	Result	Unit	Lab
0	alpha-Benzene hexachloride	< 0.050	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	< 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	< 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	< 0.10	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	Dialiate	< 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)	< 1.0	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	< 20	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

QUALITY CONTROL SAMPLES

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

F	Analyte	Result	Unit	Lab
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	< 0.050	µg/L	GE
0	Heptachlor epoxide	< 0.050	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-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	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	< 1.0	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 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	< 0.050	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	< 1.0	µg/L	GE
0	PCB 1260	< 1.0	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	< 0.10	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	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE

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

F	Analyte	Result	Unit	Lab
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
2	Tetrachloroethylene	47	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	< 1,000	µg/L	GE
2	Total organic halogens	212	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	1,2,4-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
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	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	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
2	Total radium	6.0E-09 ± 4.1E-09	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:40
pH: 5.9
Alkalinity: 1 mg/L
Water temperature: 28.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	5.0	µS/cm	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)	< 1.0	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	< 0.050	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	Aluminum	< 20	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	< 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	< 0.050	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	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(2-chloroisopropyl)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

WELL BLANK collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-sec-Butyl-4,6-dinitrophenol	<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	<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 2,3,7,8-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
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	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<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)	2.1	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	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

WELL BLANK collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<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	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	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	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	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	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-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	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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	< 2.0	µg/L	GE
0	Sodium	< 10	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	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 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)	< 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	1,2,4-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	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	< 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
1	Total radium	4.6E-09 ± 3.4E-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 BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:55
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 28.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	11	µg/L	GE

WELL BLANK collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acetonitrile (Methyl cyanide)	< 1.0	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	< 0.050	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	Aluminum	< 20	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	< 0.050	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	< 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 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	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	[illegible]	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	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)	< 1.0	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	< 20	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-Dichloroetnylene	< 1.0	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

WELL BLANK collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.0080	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	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<0.00[illegible]	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	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	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	60	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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 BLANK collected on 08/10/91, 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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silica	126	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	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	6.7	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	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	77	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	1,2,4-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	1.9	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	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	<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 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 — Time: 5:00
Depth to water: Not available — pH: 6.3
Water elevation: Not available — Alkalinity: 2 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 24.6°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	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	Copper	<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	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	238	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 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	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	1.1E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 5:05
Depth to water: Not available — pH: 6.4
Water elevation: Not available — Alkalinity: 3 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 24.0°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	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	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	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	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	379	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	13,000	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)	<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	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	6.9E-09 ± 4.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 7:45
Depth to water: Not available — pH: 5.6
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 25.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Turbidity	0.15	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aluminum	<20	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	<3.0	µg/L	GE

WELL BLANK collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	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	Calcium	<10	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	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	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	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	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<0.10	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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	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	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	<0.10	µg/L	GE
0	Endosulfan I	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<0.10	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	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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

WELL BLANK collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Iron	< 4.0	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	< 0.0050	µg/L	GE
0	Lindane	< 10	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	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	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	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	Selenium	< 2.0	µg/L	GE
0	Silica	707	µg/L	GE
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	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	10,000	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)	< 100	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 10	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	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
1	Total radium	3.2E-09 ± 3.1E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 3.0E-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: 08/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:50
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 25.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Aldrin	< 0.050	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	Benzene	< 1.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	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	< 10	µg/L	GE

WELL BLANK collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	1,4-Dichlorobenzene	< 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)	12	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	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 0.10	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	< 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	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,460	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	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	1,610	µg/L	GE
0	Silica	1,370	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	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	Tetrachloroethylene	< 1.0	µg/L	GE
0	Thallium	< 2.0	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 carbon	< 1,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total organic nitrogen	< 100	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	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	2,4,5-TP (Silvex)	< 0.090	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	1.3E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
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: 25.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chromium	< 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	Nitrate as nitrogen	< 50	µg/L	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 — Time: 7:45
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 26.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	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	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	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)	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
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	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	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	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	MS
0	Total petroleum hydrocarbons	<1,000	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	2,4,5-TP (Silvex)	<0.090	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 ± 1.0E-10	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 — Time: 8:00
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 23.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	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)	<1.0	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

WELL BLANK collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aldrin	<0.050	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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 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	<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	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	<0.10	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	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)	<1.0	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	<20	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)	2.9	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

WELL BLANK collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	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	GE
0	Lindane	<0.0050	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	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	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	120	µg/L	GE
0	Nitrate as nitrogen	60	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE

WELL BLANK collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Selenium	<2.0	µg/L	GE
0	Silica	18,600	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	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	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	<1,000	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)	<100	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	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	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	3.2	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

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 — Time: 8:10
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 6 µS/cm — Water temperature: 25.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	8.0	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	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/22/91, 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	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)	2.8	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	<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	<2.0	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	32,100	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	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	<1,000	µg/L	GE
0	Total organic halogens	10	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	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	Trichloroethylene	<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	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: 08/23/91 — Time: 8:00
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 24.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	5.0	µS/cm	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	37	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

WELL BLANK collected on 08/23/91, 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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	1.2	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	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)	8.3	µg/L	GE
0	Dichloromethane (Methylene chloride)	6.9	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	<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	2.7	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	Nitrate as nitrogen	280	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	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	26,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	158	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	49,000	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	76	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	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	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	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: 08/26/91 Time: 9:00
Depth to water: Not available pH: 4.6
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 24.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	9.0	µS/cm	GE
0	Aldrin	<0.050	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	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	<3.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<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)	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	Endosulfan sulfate	<0.10	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	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	26,700	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	78	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.7E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91 Time: 7:35
Depth to water: Not available pH: 4.7
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 25.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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 tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Chlordane	<0.50	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	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	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)	<1.0	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	<20	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.0080	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	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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	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	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	Magnesium	<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	<1.0	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 isomers	<0.0010	µg/L	GE
0	Parathion	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	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	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	Selenium	<2.0	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	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-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	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	<1,000	µg/L	GE
0	Total organic halogens	9.6	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	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	Trichloroethylene	<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 activity	6.2E-07 ± 8.2E-07	µCi/mL	EM
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: 08/28/91 — Time: 5:15
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 5 µS/cm — Water temperature: 23.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	14	µS/cm	GE
0	Turbidity	0.13	NTU	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	Chloride	<250	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE

WELL BLANK collected on 08/28/91, 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	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	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	< 0.0080	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	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	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	20,700	µg/L	GE
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	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	10,000	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)	< 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	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: 08/28/91 — Time: 4:50
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 2 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 24.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	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	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)	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	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE

WELL BLANK collected on 08/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	19,700	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	43,000	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)	< 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	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	< 7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 7:55
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 25.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	pH	4.9	pH	GE
0	Specific conductance	5.0	µS/cm	GE
0	Specific conductance	10	µS/cm	GE
0	Turbidity	0.12	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	< 10	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chloride	< 250	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	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	< 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	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	260	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	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	20,200	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	Total dissolved solids	22,000	µg/L	GE
0	Total dissolved solids	22,000	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	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	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	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91 — Time: 8:00
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 24.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	10	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	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	17,300	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	28,000	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	11	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
0	Gross alpha	< 2.0E-08	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-08	µCi/mL	GE
0	Total radium	2.2E-08 ± 2.9E-08	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 4:30
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 5 µS/cm — Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	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	Beryllium	< 5.0	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)	1.5	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	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	17,700	µg/L	GE
0	Silver	< 2.0	µg/L	GE

WELL BLANK collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	2,000	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)	< 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	1.7E-09 ± 1.6E-09	µCi/mL	GE
0	Tritium	2.2E-06 ± 2.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 4:20
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 9 µS/cm — Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	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	17,500	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	< 10	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	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	45,000	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)	< 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	1.6	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: 09/05/91 — Time: 8:05
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 23.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	1.7	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	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	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	43,000	µg/L	GE
1	Total inorganic carbon	5,680	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-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: 09/09/91 — Time: 8:10
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	9.0	µS/cm	GE
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	<2.0	µg/L	GE
0	Barium	<3.0	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(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	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	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

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

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
2	Carbon tetrachloride	21	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	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	Chloroform	<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	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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-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 I	<10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	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	Fluoride	<100	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	<4.0	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	<0.0050	µg/L	GE
0	Lindane	<10	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	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	<50	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	14,100	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 09/09/91, 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	28,000	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	488	µg/L	GE
2	Total organic halogens	51	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.080	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	Trichloroethylene	<1.0	µg/L	GE
2	Trichloroethylene	7.0	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	1.4E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Time: 7:55
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.2	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<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	Lithium	<5.0	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	Selenium	<2.0	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
1	Total organic halogens	28	µg/L	GE
0	Total phosphates (as P)	<100	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	1.5E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL EPT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 9:05
pH: 6.4
Alkalinity: 2 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	<2.0	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	2.8	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

WELL EPT 1 collected on 07/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	27	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	2.1	µg/L	GE

WELL EPT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:35
pH: 6.2
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	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	2.5	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	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 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:10
pH: 5.8
Alkalinity: 1 mg/L
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	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 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 6:50
pH: 6.2
Alkalinity: 2 mg/L
Water temperature: 25.7°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	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	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	112	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	4.4	µg/L	GE

WELL EPT 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 6:45
pH: 5.7
Alkalinity: 2 mg/L
Water temperature: 27.9°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	117	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	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 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:45
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 28.9°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 7 collected on 07/12/91, 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 EPT 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 6:15
pH: 6.1
Alkalinity: 1 mg/L
Water temperature: 27.8°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	32	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	158	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 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:30
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 27.6°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

QUALITY CONTROL SAMPLES

WELL EPT 9 collected on 07/15/91, 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 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:20
pH: 6.1
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
0	Sodium	24	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	2.4	µg/L	GE

WELL EPT 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:30
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 26.5°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	2.3	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	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	3.8	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: 07/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 8:15
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 26.7°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	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	<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	70	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 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:30
pH: 4.9
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	<2.0	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	34	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	3.8	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
	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 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 0 µS/cm
Time: 7:45
pH: 6.7
Alkalinity: 1 mg/L
Water temperature: 23.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	2.2	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

WELL EPT 14 collected on 07/17/91, 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	<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	22	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	3.3	µg/L	GE

WELL EPT 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:00
pH: 6.0
Alkalinity: 1 mg/L
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	<0.20	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 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 6:15
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	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	Thallium	<2.0	µg/L	GE

WELL EPT 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:05
pH: 5.8
Alkalinity: 1 mg/L
Water temperature: 24.6°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	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	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: 07/18/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 14:05
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 30.2°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	2.1	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 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:50
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 25.1°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

QUALITY CONTROL SAMPLES

WELL EPT 19 collected on 07/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12	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	4.2	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: 07/19/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 0 µS/cm
Time: 6:50
pH: 6.0
Alkalinity: 1 mg/L
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	<2.0	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	2.1	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	22	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	3.6	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.9	µg/L	GE

WELL EPT 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:50
pH: 6.8
Alkalinity: 1 mg/L
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	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

WELL EPT 21 collected on 07/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	3.7	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 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:10
pH: 4.2
Alkalinity: 1 mg/L
Water temperature: 28.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	2.2	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	2.3	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	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	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 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:30
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 32.6°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	2.5	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	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	25	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 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 0 µS/cm
Time: 6:00
pH: 5.9
Alkalinity: 2 mg/L
Water temperature: 26.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
1	Antimony	3.4	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	3.3	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	75	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	6.2	µg/L	GE

WELL EPT 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:00
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 26.5°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
0	Sodium	17	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 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 13:45
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 35.0°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 EPT 26 collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.4	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	42	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 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 6:15
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 28.1°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	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	<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	47	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	3.5	µg/L	GE

WELL EPT 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:45
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
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 28 collected on 07/26/91, 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 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:05
pH: 5.5
Alkalinity: 0 mg/L
Water temperature: 25.9°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	2.3	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	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 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Time: 6:15
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 27.2°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	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	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	48	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: 07/27/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:55
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 27.3°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	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 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 6:45
pH: 6.0
Alkalinity: 1 mg/L
Water temperature: 26.1°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	43	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	2.4	µg/L	GE

WELL EPT 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:05
pH: 4.6
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	<2.0	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 33 collected on 07/26/91, 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 EPT 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 0 µS/cm
Time: 6:40
pH: 6.7
Alkalinity: 1 mg/L
Water temperature: 24.7°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	43	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	90	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	5.7	µg/L	GE

WELL EPT 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:30
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 25.1°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	11	µg/L	GE

WELL EPT 35 collected on 07/29/91, 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	4.2	µg/L	GE

WELL EPT 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 0 µS/cm
Time: 8:20
pH: 6.5
Alkalinity: 3 mg/L
Water temperature: 25.1°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	3.3	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	39	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	6.7	µg/L	GE

WELL EPT 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:05
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 25.4°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	28	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

QUALITY CONTROL SAMPLES

WELL EPT 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 5:55
pH: 6.3
Alkalinity: 3 mg/L
Water temperature: 24.3°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	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	53	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: 07/31/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:35
pH: 6.4
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	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
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	25	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: 08/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 5:55
pH: 5.5
Alkalinity: 2 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

WELL EPT 40 collected on 08/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	3.8	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	51	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: 08/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:45
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 25.5°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
0	Sodium	17	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 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:25
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 23.5°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	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	3.1	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	19	µg/L	GE

WELL EPT 42 collected on 08/02/91, 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 43

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:25
pH: 4.7
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	<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	14	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: 08/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:40
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 25.6°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	19	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: 08/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:05
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 26.1°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	142	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	<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 46

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 0 µS/cm
Time: 5:55
pH: 6.0
Alkalinity: 3 mg/L
Water temperature: 26.9°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	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	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	87	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 47

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:35
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 30.2°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

QUALITY CONTROL SAMPLES

WELL EPT 47 collected on 08/05/91, 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	11	µg/L	GE
2	Thallium	2.2	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	3.5	µg/L	GE

WELL EPT 48

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 5:50
pH: 6.0
Alkalinity: 2 mg/L
Water temperature: 27.7°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	15	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	57	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 49

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:15
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 28.6°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

WELL EPT 49 collected on 08/06/91, 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	2.1	µg/L	GE

WELL EPT 50

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:15
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 32.8°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	109	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	4.9	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	14	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 51

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 5:55
pH: 5.9
Alkalinity: 2 mg/L
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	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	0.30	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	47	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	7.0	µg/L	GE

WELL EPT 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 — Time: 8:15
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 26.8°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	58	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	5.8	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.30	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	4.0	µg/L	GE

WELL EPT 53

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 — Time: 8:55
Depth to water: Not available — pH: 5.9
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 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	Barium	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	19	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	1.7	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	3.3	µg/L	GE

WELL EPT 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 8:35
Depth to water: Not available — pH: 5.2
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 26.7°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

WELL EPT 54 collected on 08/08/91, 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	3.0	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	2.5	µg/L	GE

WELL EPT 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 5:50
Depth to water: Not available — pH: 6.0
Water elevation: Not available — Alkalinity: 4 mg/L
Sp. conductance: 1 µS/cm — 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	<0.20	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	38	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: 08/08/91 — Time: 8:40
Depth to water: Not available — pH: 5.6
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 26.7°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	34	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	3.7	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	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17	µg/L	GE

WELL EPT 56 collected on 08/08/91, 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 57

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 0 µS/cm
Time: 8:00
pH: 5.7
Alkalinity: 2 mg/L
Water temperature: 27.3°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	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	<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	26	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	2.2	µg/L	GE

WELL EPT 58

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:40
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 26.5°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	0.25	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 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:15
pH: 6.3
Alkalinity: 1 mg/L
Water temperature: 27.9°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	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
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 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:35
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 29.9°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	176	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: 08/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 12:10
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 28.1°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 61 collected on 08/11/91, 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	234	µg/L	GE
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	2.7	µg/L	GE

WELL EPT 62

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:00
pH: 6.3
Alkalinity: 2 mg/L
Water temperature: 24.3°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	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
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	2,580	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	34	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: 08/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:20
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 25.0°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	343	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE

WELL EPT 63 collected on 08/12/91, 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 64

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 6:00
pH: 6.3
Alkalinity: 2 mg/L
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	124	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	403	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	68	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: 08/13/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:15
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 23.3°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	618	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 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 6:00
Depth to water: Not available — pH: 8.3
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 23.6°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	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	662	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	35	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 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 8:05
Depth to water: Not available — pH: 5.1
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	79	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	1,130	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

WELL EPT 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 8:35
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 24.9°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 68 collected on 08/14/91, 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	693	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	3.2	µg/L	GE

WELL EPT 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 — Time: 8:45
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 23.6°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	1,910	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: 08/15/91 — Time: 6:15
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity: 2 mg/L
Sp. conductance: 0 µS/cm — Water temperature: 23.9°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	31	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	6.6	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	1,490	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	156	µg/L	GE

WELL EPT 70 collected on 08/15/91, 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	5.5	µg/L	GE

WELL EPT 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 5:30
pH: 6.1
Alkalinity: 0 mg/L
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	3,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	26	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: 08/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:50
pH: 5.1
Alkalinity: 1 mg/L
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	35	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	2.7	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	3,840	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 73

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:05
pH: 5.0
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	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	7.1	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	4,010	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	27	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: 08/19/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 6:00
pH: 6.1
Alkalinity: 0 mg/L
Water temperature: 23.9°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	2.2	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	4,280	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	31	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: 08/19/91
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: 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

WELL EPT 75 collected on 08/19/91, 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	2.4	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	5,380	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 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 6:15
pH: 5.9
Alkalinity: 0 mg/L
Water temperature: 24.5°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	8,640	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 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:05
pH: 4.6
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	11,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE

WELL EPT 77 collected on 08/20/91, 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 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:20
pH: 5.5
Alkalinity: 0 mg/L
Water temperature: 21.4°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	59	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	15,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	27	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	6.3	µg/L	GE

WELL EPT 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 10:45
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 24.7°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	18	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	2.9	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	30,500	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	11	µg/L	GE

WELL EPT 80

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 — Time: 8:05
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity: 2 mg/L
Sp. conductance: 4 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	2.1	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	35,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	24	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 81

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 — Time: 8:50
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 5 µS/cm — 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	<0.20	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	42,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	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 82

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91 — Time: 5:45
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 2 mg/L
Sp. conductance: 5 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

WELL EPT 82 collected on 08/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	4.0	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	31,800	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: 08/23/91 — Time: 8:50
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 6 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	<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	35,200	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	<2.0	µg/L	GE

WELL EPT 84

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91 — Time: 6:00
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 7 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	41	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	4.2	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	22,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	36	µg/L	GE

WELL EPT 84 collected on 08/26/91, 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	5.2	µg/L	GE

WELL EPT 85

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 8:55
pH: 4.4
Alkalinity: 0 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	65	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	27,400	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 86

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 8:55
pH: 4.2
Alkalinity: 0 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	<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	2.5	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	30,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	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: 08/27/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 8:20
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.8°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	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	3.5	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	24,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	40	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 88

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 9:30
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 25.2°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	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	<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	25,500	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	8.9	µg/L	GE

WELL EPT 89

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 12 µS/cm
Time: 6:20
pH: 4.6
Alkalinity: 0 mg/L
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

WELL EPT 89 collected on 08/28/91, 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	4.0	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	23,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	50	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	4.7	µg/L	GE

WELL EPT 90

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 7:25
pH: 4.6
Alkalinity: 2 mg/L
Water temperature: 23.5°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	65	µg/L	GE
0	Chromium	12	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	71	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.5	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.3	µg/L	GE
0	Potassium	<500	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	33	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	7.6	µg/L	GE

WELL EPT 91

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 8:30
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	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	23,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE

WELL EPT 91 collected on 08/30/91, 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 92

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 8:25
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 25.2°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	41	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	23,900	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: 09/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 8:30
pH: 4.7
Alkalinity: 0 mg/L
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	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	3.5	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	21,100	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

QUALITY CONTROL SAMPLES

WELL EPT 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 8:40
pH: 4.2
Alkalinity: 0 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	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	22,800	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: 09/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 9:05
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.1°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	21,800	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 96

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 5:30
pH: 4.7
Alkalinity: 0 mg/L
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

WELL EPT 96 collected on 09/03/91, 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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.6	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	19,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	45	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	2.4	µg/L	GE

WELL EPT 97

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 5:15
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 20.9°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	4.3	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	19,000	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	4.7	µg/L	GE

WELL EPT 98

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 8:55
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.8°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	29,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE

WELL EPT 98 collected on 09/04/91, 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 99

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 11:05
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 28.6°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	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	6.6	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	25,100	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 EPT100

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 6 µS/cm
Time: 8:30
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 23.0°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	12	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	3.3	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	19,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	24	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 EPT101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 9:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 23.1°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	19,100	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 EPT102

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 9:55
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 26.9°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	51	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	18	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	6.1	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	23,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14	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 EPT103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 9:40
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 24.3°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

WELL EPT103 collected on 09/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	46	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	2.4	µg/L	GE
0	Silica	17,800	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 EPT104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 8:30
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 23.9°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	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	2.8	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	17,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	30	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 EPT105

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 5:20
pH: 4.6
Alkalinity: 0 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	44	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	4.5	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	2.2	µg/L	GE
0	Silica	15,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	47	µg/L	GE

WELL EPT105 collected on 09/09/91, 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	6.8	µg/L	GE

WELL EPT106

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 9:40
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.8°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	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	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	2.5	µg/L	GE
0	Silica	19,400	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 9:10
pH: 4.5
Alkalinity: 0 mg/L
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	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	5.2	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	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	20,800	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: 09/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 8:35
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.3°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	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	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	2.5	µg/L	GE
0	Silica	16,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	30	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	3.4	µg/L	GE

WELL EPT109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 8:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.2°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	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
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	9.5	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	15,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	81	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	6.2	µg/L	GE

WELL EPT110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 8:15
pH: 4.5
Alkalinity: 0 mg/L
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

WELL EPT110 collected on 09/11/91, 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	16,800	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 EPT111

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 6 µS/cm
Time: 7:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.9°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	42	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	15,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	116	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 EPT112

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 7:55
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 23.4°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	12	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	4.0	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	22,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT112 collected on 09/12/91, 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 EPT113

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 — Time: 9:50
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 24.9°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	23,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	9.4	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT114

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 — Time: 9:50
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 19.5°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	70	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	22,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	32	µg/L	GE
0	Thallium	<2.0	µg/L	GE
1	Tin	10	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.9	µg/L	GE

WELL EPT115

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 — Time: 8:25
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 8 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	19,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	7.4	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL FB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 — Time: 5:05
Depth to water: Not available — pH: 6.3
Water elevation: Not available — Alkalinity: 2 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 24.6°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 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 5:15
Depth to water: Not available — pH: 6.4
Water elevation: Not available — Alkalinity: 3 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 23.9°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 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 — Time: 8:05
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 27.1°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 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:50
pH: 4.7
Alkalinity: 1 mg/L
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 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:30
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 26.6°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL FB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 4:35
pH: 6.1
Alkalinity: 2 mg/L
Water temperature: 26.5°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL FB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:35
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 29.0°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL FB 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 0 µS/cm
Time: 5:00
pH: 6.1
Alkalinity: 2 mg/L
Water temperature: 25.4°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 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:05
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 25.6°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

NOTES

9. WATER-LEVEL DATA

During third 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: 09/18/91 Time: 8:21
Depth to water: 139.52 ft (42.53 m) below TOC
Water elevation: 220.38 ft (67.17 m) msl

WELL ABP 1DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:22
Depth to water: 138.58 ft (42.24 m) below TOC
Water elevation: 221.52 ft (67.52 m) msl

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:34
Depth to water: 153.42 ft (46.76 m) below TOC
Water elevation: 218.48 ft (66.59 m) msl

WELL ABP 2DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:32
Depth to water: 152.18 ft (46.39 m) below TOC
Water elevation: 218.42 ft (66.58 m) msl

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:25
Depth to water: 132.76 ft (40.47 m) below TOC
Water elevation: 220.84 ft (67.34 m) msl

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:25
Depth to water: 158.17 ft (48.21 m) below TOC
Water elevation: 196.33 ft (59.84 m) msl

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:38
Depth to water: 148.54 ft (44.67 m) below TOC
Water elevation: 217.76 ft (66.37 m) msl

WELL ABP 4DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:38
Depth to water: 146.00 ft (44.50 m) below TOC
Water elevation: 219.00 ft (66.75 m) msl

WELL ABP 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:29
Depth to water: 146.68 ft (44.71 m) below TOC
Water elevation: 218.62 ft (66.64 m) msl

WELL ABP 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:48
Depth to water: 145.30 ft (44.29 m) below TOC
Water elevation: 218.90 ft (66.72 m) msl

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:29
Depth to water: 176.03 ft (53.65 m) below TOC
Water elevation: 198.07 ft (59.76 m) msl

WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:32
Depth to water: 153.31 ft (46.73 m) below TOC
Water elevation: 217 59 ft (66.32 m) msl

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:03
Depth to water: 100.20 ft (30.54 m) below TOC
Water elevation: 224 60 ft (68.48 m) msl

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 13:19
Depth to water: 48.63 ft (14.68 m) below TOC
Water elevation: 213.27 ft (65.01 m) msl

WATER-LEVEL DATA

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 13:20
No water in standpipe.

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:17
Depth to water: 124.48 ft (37.94 m) below TOC
Water elevation: 220.22 ft (67.12 m) msl

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:18
Depth to water: 118.15 ft (36.01 m) below TOC
Water elevation: 226.65 ft (69.08 m) msl

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 13:37
Depth to water: 94.59 ft (28.83 m) below TOC
Water elevation: 207.71 ft (63.31 m) msl

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 13:37
Depth to water: 93.11 ft (28.38 m) below TOC
Water elevation: 209.39 ft (63.82 m) msl

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:58
Depth to water: 122.26 ft (37.27 m) below TOC
Water elevation: 237.34 ft (72.34 m) msl

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:40
Depth to water: 110.84 ft (33.78 m) below TOC
Water elevation: 238.96 ft (72.84 m) msl

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:37
Depth to water: 109.82 ft (33.41 m) below TOC
Water elevation: 238.88 ft (72.75 m) msl

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:35
Depth to water: 119.86 ft (36.53 m) below TOC
Water elevation: 239.24 ft (72.92 m) msl

WELL AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:27
Depth to water: 148.08 ft (45.14 m) below TOC
Water elevation: 232.32 ft (70.81 m) msl

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:31
Depth to water: 147.39 ft (44.93 m) below TOC
Water elevation: 232.21 ft (70.78 m) msl

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:29
Depth to water: 144.52 ft (44.05 m) below TOC
Water elevation: 232.68 ft (70.92 m) msl

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:26
Depth to water: 136.85 ft (41.71 m) below TOC
Water elevation: 233.05 ft (71.03 m) msl

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:38
Depth to water: 136.84 ft (41.74 m) below TOC
Water elevation: 232.66 ft (70.92 m) msl

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 12:17
Depth to water: 134.35 ft (40.95 m) below TOC
Water elevation: 233.55 ft (71.19 m) msl

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 12:06
Depth to water: 130.91 ft (39.90 m) below TOC
Water elevation: 234.59 ft (71.50 m) msl

WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 12:05
Depth to water: 7.79 ft (2.37 m) below TOC
Water elevation: 357.61 ft (109.00 m) msl

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 12:43
Depth to water: 128.27 ft (39.10 m) below TOC
Water elevation: 235.73 ft (71.85 m) msl

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:22
Depth to water: 135.79 ft (41.39 m) below TOC
Water elevation: 234.01 ft (71.33 m) msl

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:20
Depth to water: 104.74 ft (31.93 m) below TOC
Water elevation: 236.36 ft (72.04 m) msl

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:23
Depth to water: 114.45 ft (34.88 m) below TOC
Water elevation: 230.95 ft (70.39 m) msl

WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:31
Depth to water: 114.25 ft (34.82 m) below TOC
Water elevation: 238.35 ft (72.65 m) msl

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:57
No water in standpipe.

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:56
Depth to water: 121.40 ft (37.00 m) below TOC
Water elevation: 215.90 ft (65.81 m) msl

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:53
Depth to water: 120.74 ft (36.80 m) below TOC
Water elevation: 219.06 ft (66.77 m) msl

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:54
No water in standpipe.

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:26
No water in standpipe.

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:29
Depth to water: 111.47 ft (33.98 m) below TOC
Water elevation: 237.53 ft (72.40 m) msl

WELL ASB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:28
Depth to water: 126.56 ft (38.58 m) below TOC
Water elevation: 222.84 ft (67.92 m) msl

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:36
Depth to water: 106.04 ft (32.32 m) below TOC
Water elevation: 238.96 ft (72.84 m) msl

WELL ASB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:38
Depth to water: 123.90 ft (37.77 m) below TOC
Water elevation: 222.10 ft (67.70 m) msl

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:47
Unable to measure water level.
Inaccessibility prevented water level measurement.

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:24
Depth to water: 108.36 ft (33.03 m) below TOC
Water elevation: 236.62 ft (72.12 m) msl

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:21
Depth to water: 114.32 ft (34.85 m) below TOC
Water elevation: 235.88 ft (71.90 m) msl

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:16
Depth to water: 136.42 ft (41.58 m) below TOC
Water elevation: 217.78 ft (66.38 m) msl

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:19
Depth to water: 129.83 ft (39.57 m) below TOC
Water elevation: 223.77 ft (68.21 m) msl

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:19
Depth to water: 139.55 ft (42.54 m) below TOC
Water elevation: 213.35 ft (65.03 m) msl

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:16
Depth to water: 119.02 ft (36.28 m) below TOC
Water elevation: 234.38 ft (71.44 m) msl

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:46
Depth to water: 115.32 ft (35.15 m) below TOC
Water elevation. 233.68 ft (71.23 m) msl

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:44
Depth to water: 130.65 ft (39.82 m) below TOC
Water elevation: 218.65 ft (66.65 m) msl

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:42
Depth to water: 130.23 ft (39.69 m) below TOC
Water elevation: 219.57 ft (66.93 m) msl

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:42
Depth to water: 126.58 ft (38.58 m) below TOC
Water elevation: 223.12 ft (68.01 m) msl

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:45
Depth to water: 134.62 ft (41.03 m) below TOC
Water elevation: 214.98 ft (65.53 m) msl

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:14
Depth to water: 67.57 ft (20.60 m) below TOC
Water elevation: 241.43 ft (73.59 m) msl

WATER-LEVEL DATA

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 13:13
Depth to water: 89.54 ft (27.29 m) below TOC
Water elevation: 219.48 ft (66.89 m) msl

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 13:12
Depth to water: 90.25 ft (27.51 m) below TOC
Water elevation: 219.65 ft (66.95 m) msl

WELL ASB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:32
Depth to water: 126.29 ft (38.49 m) below TOC
Water elevation: 222.61 ft (67.85 m) msl

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:46
Depth to water: 105.58 ft (32.18 m) below TOC
Water elevation: 222.82 ft (67.92 m) msl

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:54
Depth to water: 128.47 ft (39.16 m) below TOC
Water elevation: 221.93 ft (67.65 m) msl

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 12:02
Depth to water: 117.26 ft (35.74 m) below TOC
Water elevation: 222.34 ft (67.77 m) msl

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 12:03
Depth to water: 144.22 ft (43.96 m) below TOC
Water elevation: 194.68 ft (59.40 m) msl

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 12:07
Depth to water: 113.65 ft (34.64 m) below TOC
Water elevation: 218.45 ft (66.58 m) msl

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 12:07
Depth to water: 137.57 ft (41.93 m) below TOC
Water elevation: 194.53 ft (59.29 m) msl

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:58
Depth to water: 144.39 ft (44.01 m) below TOC
Water elevation: 193.31 ft (58.92 m) msl

WELL MCB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:58
Depth to water: 117.60 ft (35.84 m) below TOC
Water elevation: 223.10 ft (68.00 m) msl

WELL MCB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:51
Depth to water: 122.33 ft (37.29 m) below TOC
Water elevation: 220.57 ft (67.23 m) msl

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:17
Depth to water: 144.34 ft (44.00 m) below TOC
Water elevation: 210.48 ft (64.15 m) msl

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:14
Depth to water: 138.11 ft (42.10 m) below TOC
Water elevation: 216.99 ft (66.14 m) msl

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:16
Depth to water: 136.82 ft (41.70 m) below TOC
Water elevation: 218.08 ft (66.47 m) msl

WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:14
Depth to water: 125.76 ft (38.33 m) below TOC
Water elevation: 229.14 ft (69.84 m) msl

WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:23
Depth to water: 141.76 ft (43.21 m) below TOC
Water elevation: 212.84 ft (64.87 m) msl

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:21
Depth to water: 137.01 ft (41.76 m) below TOC
Water elevation: 217.69 ft (66.35 m) msl

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:24
Depth to water: 123.52 ft (37.65 m) below TOC
Water elevation: 230.28 ft (70.19 m) msl

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:27
Depth to water: 148.86 ft (45.37 m) below TOC
Water elevation: 212.14 ft (64.66 m) msl

WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:30
Depth to water: 141.93 ft (43.26 m) below TOC
Water elevation: 218.87 ft (66.71 m) msl

WELL MSB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:30
Depth to water: 130.58 ft (39.80 m) below TOC
Water elevation: 229.92 ft (70.08 m) msl

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:44
Depth to water: 146.03 ft (44.51 m) below TOC
Water elevation: 209.27 ft (63.79 m) msl

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:42
Depth to water: 139.69 ft (42.58 m) below TOC
Water elevation: 215.51 ft (65.69 m) msl

WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:42
Depth to water: 127.45 ft (38.85 m) below TOC
Water elevation: 228.15 ft (69.54 m) msl

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:09
Depth to water: 118.77 ft (36.20 m) below TOC
Water elevation: 225.83 ft (68.83 m) msl

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:11
Depth to water: 136.92 ft (41.73 m) below TOC
Water elevation: 208.58 ft (63.58 m) msl

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:08
Depth to water: 123.48 ft (37.64 m) below TOC
Water elevation: 222.22 ft (67.73 m) msl

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:22
Depth to water: 118.38 ft (36.08 m) below TOC
Water elevation: 225.52 ft (68.74 m) msl

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:24
Depth to water: 137.76 ft (41.99 m) below TOC
Water elevation: 207.54 ft (63.26 m) msl

WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:22
Depth to water: 122.13 ft (37.23 m) below TOC
Water elevation: 222.07 ft (67.69 m) msl

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:28
Depth to water: 119.13 ft (36.31 m) below TOC
Water elevation: 225.37 ft (68.69 m) msl

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:29
Depth to water: 137.30 ft (41.85 m) below TOC
Water elevation: 206.90 ft (63.06 m) msl

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:33
Depth to water: 123.33 ft (37.59 m) below TOC
Water elevation: 221.27 ft (67.44 m) msl

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:03
No water in standpipe.

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:02
Depth to water: 135.37 ft (41.26 m) below TOC
Water elevation: 208.53 ft (63.56 m) msl

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:02
Depth to water: 125.23 ft (38.17 m) below TOC
Water elevation: 218.77 ft (66.68 m) msl

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:38
Depth to water: 147.68 ft (45.01 m) below TOC
Water elevation: 211.72 ft (64.53 m) msl

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:38
Depth to water: 130.93 ft (39.91 m) below TOC
Water elevation: 228.67 ft (69.70 m) msl

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:35
Depth to water: 130.63 ft (39.82 m) below TOC
Water elevation: 228.47 ft (69.64 m) msl

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:25
Depth to water: 145.42 ft (44.32 m) below TOC
Water elevation: 209.58 ft (63.88 m) msl

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:23
Depth to water: 143.40 ft (43.71 m) below TOC
Water elevation: 211.30 ft (64.41 m) msl

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:24
Depth to water: 128.49 ft (39.16 m) below TOC
Water elevation: 227.51 ft (69.35 m) msl

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:01
Depth to water: 151.74 ft (46.25 m) below TOC
Water elevation: 213.16 ft (64.97 m) msl

WATER-LEVEL DATA

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:04
Depth to water: 148.14 ft (45.15 m) below TOC
Water elevation: 216.66 ft (66.04 m) msl

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:02
Depth to water: 146.69 ft (44.71 m) below TOC
Water elevation: 218.21 ft (66.51 m) msl

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:59
Depth to water: 137.29 ft (41.85 m) below TOC
Water elevation: 227.91 ft (69.47 m) msl

WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:02
The well was dry.

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:56
Depth to water: 135.02 ft (41.46 m) below TOC
Water elevation: 226.76 ft (69.73 m) msl

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:29
Depth to water: 139.84 ft (42.62 m) below TOC
Water elevation: 207.98 ft (63.39 m) msl

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:30
Depth to water: 132.83 ft (40.49 m) below TOC
Water elevation: 215.57 ft (65.71 m) msl

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:32
Depth to water: 127.07 ft (38.73 m) below TOC
Water elevation: 220.83 ft (67.31 m) msl

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:31
No water in standpipe.

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:35
Depth to water: 156.08 ft (47.57 m) below TOC
Water elevation: 192.42 ft (58.65 m) msl

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:33
Depth to water: 156.56 ft (47.73 m) below TOC
Water elevation: 192.32 ft (58.62 m) msl

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:05
Depth to water: 138.84 ft (42.32 m) below TOC
Water elevation: 208.36 ft (62.90 m) msl

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:02
Depth to water: 153.23 ft (46.71 m) below TOC
Water elevation: 192.37 ft (58.64 m) msl

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:04
Depth to water: 123.52 ft (37.65 m) below TOC
Water elevation: 223.38 ft (68.09 m) msl

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:01
Depth to water: 120.95 ft (36.87 m) below TOC
Water elevation: 226.75 ft (69.11 m) msl

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:11
Depth to water: 132.75 ft (40.46 m) below TOC
Water elevation: 215.55 ft (65.70 m) msl

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:10
Depth to water: 131.76 ft (40.16 m) below TOC
Water elevation: 216.94 ft (66.12 m) msl

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:11
No water in standpipe.

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:54
Depth to water: 147.48 ft (44.95 m) below TOC
Water elevation: 219.74 ft (66.98 m) msl

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:52
Depth to water: 154.35 ft (47.05 m) below TOC
Water elevation: 215.15 ft (65.56 m) msl

WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:52
Depth to water: 122.07 ft (37.21 m) below TOC
Water elevation: 244.53 ft (74.53 m) msl

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:5..
Depth to water: 138.13 ft (42.10 m) below TOC
Water elevation: 230.67 ft (70.31 m) msl

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:19
Depth to water: 148.80 ft (45.35 m) below TOC
Water elevation: 217.90 ft (66.42 m) msl

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:19
Depth to water: 137.83 ft (42.01 m) below TOC
Water elevation: 228.77 ft (69.73 m) msl

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:47
Depth to water: 143.75 ft (43.82 m) below TOC
Water elevation: 214.25 ft (65.30 m) msl

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:48
Depth to water: 135.34 ft (41.25 m) below TOC
Water elevation: 222.56 ft (67.84 m) msl

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:45
Depth to water: 147.48 ft (44.95 m) below TOC
Water elevation: 211.82 ft (64.56 m) msl

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:46
The well was dry.

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:45
Depth to water: 134.55 ft (41.01 m) below TOC
Water elevation: 225.65 ft (68.78 m) msl

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:38
Depth to water: 120.72 ft (36.80 m) below TOC
Water elevation: 219.48 ft (66.90 m) msl

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:41
Depth to water: 122.04 ft (37.20 m) below TOC
Water elevation: 218.26 ft (66.53 m) msl

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:39
Depth to water: 117.98 ft (35.96 m) below TOC
Water elevation: 222.81 ft (67.85 m) msl

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:52
Depth to water: 86.73 ft (26.44 m) below TOC
Water elevation: 212.77 ft (64.85 m) msl

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:51
Depth to water: 84.29 ft (25.69 m) below TOC
Water elevation: 215.61 ft (65.72 m) msl

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:53
Depth to water: 61.70 ft (18.81 m) below TOC
Water elevation: 238.50 ft (72.70 m) msl

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:56
Depth to water: 137.64 ft (41.95 m) below TOC
Water elevation: 218.36 ft (65.95 m) msl

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:57
No water in standpipe.

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:48
Depth to water: 135.18 ft (41.20 m) below TOC
Water elevation: 218.22 ft (66.51 m) msl

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:52
Depth to water: 135.71 ft (41.36 m) below TOC
Water elevation: 219.59 ft (66.93 m) msl

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:46
Depth to water: 126.63 ft (38.60 m) below TOC
Water elevation: 226.77 ft (69.12 m) msl

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:45
Depth to water: 160.57 ft (48.94 m) below TOC
Water elevation: 194.13 ft (59.17 m) msl

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:32
No water in standpipe.

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:08
No water in standpipe.

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:06
Depth to water: 149.63 ft (45.61 m) below TOC
Water elevation: 221.97 ft (67.68 m) msl

WATER-LEVEL DATA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:04
Depth to water: 172.08 ft (52.45 m) below TOC
Water elevation: 200.82 ft (61.21 m) msl

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:50
Depth to water: 145.18 ft (44.25 m) below TOC
Water elevation: 235.02 ft (71.63 m) msl

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:52
Depth to water: 157.13 ft (47.89 m) below TOC
Water elevation: 224.47 ft (68.42 m) msl

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:18
No water in standpipe.

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:20
Depth to water: 150.23 ft (45.79 m) below TOC
Water elevation: 216.17 ft (65.89 m) msl

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:26
No water in standpipe.

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:25
Depth to water: 138.68 ft (42.27 m) below TOC
Water elevation: 222.22 ft (67.73 m) msl

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:24
Depth to water: 144.96 ft (44.18 m) below TOC
Water elevation: 218.24 ft (66.52 m) msl

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:39
Depth to water: 138.41 ft (42.19 m) below TOC
Water elevation: 237.09 ft (72.27 m) msl

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:41
Depth to water: 147.40 ft (44.93 m) below TOC
Water elevation: 227.80 ft (69.43 m) msl

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:45
Depth to water: 152.23 ft (46.40 m) below TOC
Water elevation: 224.57 ft (68.45 m) msl

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:43
Depth to water: 176.10 ft (53.68 m) below TOC
Water elevation: 200.50 ft (61.11 m) msl

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:34
Depth to water: 125.15 ft (38.15 m) below TOC
Water elevation: 229.25 ft (69.88 m) msl

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:36
Depth to water: 132.05 ft (40.25 m) below TOC
Water elevation: 222.15 ft (67.71 m) msl

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:25
Depth to water: 145.58 ft (44.37 m) below TOC
Water elevation: 219.82 ft (67.00 m) msl

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:31
Depth to water: 141.97 ft (43.27 m) below TOC
Water elevation: 223.23 ft (68.04 m) msl

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:28
Depth to water: 135.15 ft (41.18 m) below TOC
Water elevation: 230.05 ft (70.12 m) msl

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:34
Depth to water: 133.59 ft (40.72 m) below TOC
Water elevation: 231.51 ft (70.57 m) msl

WELL MSB 29DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:25
Depth to water: 132.58 ft (40.41 m) below TOC
Water elevation: 232.02 ft (70.72 m) msl

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:33
Depth to water: 153.17 ft (46.69 m) below TOC
Water elevation: 212.03 ft (64.63 m) msl

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:27
Depth to water: 156.32 ft (47.65 m) below TOC
Water elevation: 198.28 ft (60.44 m) msl

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:24
Depth to water: 129.72 ft (39.54 m) below TOC
Water elevation: 222.88 ft (67.93 m) msl

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:25
Depth to water: 129.03 ft (39.33 m) below TOC
Water elevation: 224.07 ft (68.30 m) msl

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:29
Depth to water: 124.43 ft (37.93 m) below TOC
Water elevation: 230.47 ft (70.25 m) msl

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:28
Depth to water: 129.63 ft (39.51 m) below TOC
Water elevation: 224.07 ft (68.30 m) msl

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:12
Depth to water: 150.51 ft (45.88 m) below TOC
Water elevation: 196.69 ft (59.95 m) msl

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:16
Depth to water: 134.89 ft (41.11 m) below TOC
Water elevation: 212.61 ft (64.80 m) msl

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:16
Depth to water: 113.91 ft (34.72 m) below TOC
Water elevation: 233.39 ft (71.14 m) msl

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:12
Depth to water: 135.25 ft (41.22 m) below TOC
Water elevation: 213.55 ft (65.09 m) msl

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:46
Depth to water: 30.12 ft (9.18 m) below TOC
Water elevation: 225.18 ft (68.64 m) msl

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:01
Depth to water: 37.09 ft (11.31 m) below TOC
Water elevation: 219.51 ft (66.91 m) msl

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:04
Depth to water: 50.91 ft (15.52 m) below TOC
Water elevation: 204.49 ft (62.33 m) msl

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:03
Depth to water: 47.45 ft (14.46 m) below TOC
Water elevation: 207.75 ft (63.32 m) msl

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:01
Depth to water: 44.67 ft (13.62 m) below TOC
Water elevation: 210.63 ft (64.20 m) msl

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:02
Depth to water: 61.13 ft (18.63 m) below TOC
Water elevation: 194.37 ft (59.24 m) msl

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:01
Depth to water: 165.58 ft (50.47 m) below TOC
Water elevation: 217.62 ft (66.33 m) msl

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:02
Depth to water: 158.16 ft (48.21 m) below TOC
Water elevation: 224.94 ft (68.56 m) msl

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:59
No water in standpipe.

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:58
Depth to water: 181.56 ft (55.34 m) below TOC
Water elevation: 200.94 ft (61.25 m) msl

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:58
Depth to water: 180.73 ft (55.09 m) below TOC
Water elevation: 202.07 ft (61.59 m) msl

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:27
Depth to water: 135.01 ft (41.15 m) below TOC
Water elevation: 216.09 ft (65.87 m) msl

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:29
Depth to water: 132.71 ft (40.45 m) below TOC
Water elevation: 219.09 ft (66.78 m) msl

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:28
No water in standpipe.

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 11:27
Depth to water: 151.38 ft (46.14 m) below TOC
Water elevation: 199.02 ft (60.66 m) msl

WATER-LEVEL DATA

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:24
Depth to water: 132.27 ft (40.32 m) below TOC
Water elevation: 208.33 ft (63.50 m) msl

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:27
Depth to water: 127.70 ft (38.92 m) below TOC
Water elevation: 213.00 ft (64.92 m) msl

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:30
Depth to water: 127.23 ft (38.78 m) below TOC
Water elevation: 213.57 ft (65.10 m) msl

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:31
No water in standpipe.

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:23
Depth to water: 148.03 ft (44.51 m) below TOC
Water elevation: 194.57 ft (59.31 m) msl

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 14:08
Depth to water: 176.03 ft (53.65 m) below TOC
Water elevation: 207.07 ft (63.12 m) msl

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 14:04
Depth to water: 163.98 ft (49.98 m) below TOC
Water elevation: 218.84 ft (66.70 m) msl

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 14:06
Depth to water: 155.65 ft (47.44 m) below TOC
Water elevation: 227.45 ft (69.33 m) msl

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 14:08
Depth to water: 152.09 ft (46.36 m) below TOC
Water elevation: 230.71 ft (70.32 m) msl

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 14:04
Depth to water: 175.84 ft (53.60 m) below TOC
Water elevation: 208.56 ft (62.96 m) msl

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 14:16
Depth to water: 144.59 ft (44.07 m) below TOC
Water elevation: 212.01 ft (64.62 m) msl

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 14:16
Depth to water: 141.83 ft (43.23 m) below TOC
Water elevation: 214.47 ft (65.37 m) msl

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 14:17
No water in standpipe.

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 14:14
Depth to water: 161.16 ft (49.12 m) below TOC
Water elevation: 195.54 ft (59.60 m) msl

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:12
Depth to water: 133.61 ft (40.72 m) below TOC
Water elevation: 207.99 ft (63.40 m) msl

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:15
Depth to water: 131.09 ft (39.96 m) below TOC
Water elevation: 210.71 ft (64.23 m) msl

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:15
Depth to water: 127.16 ft (38.76 m) below TOC
Water elevation: 214.34 ft (65.33 m) msl

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:17
Depth to water: 110.80 ft (33.77 m) below TOC
Water elevation: 230.90 ft (70.38 m) msl

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:12
Depth to water: 150.21 ft (45.78 m) below TOC
Water elevation: 191.59 ft (58.40 m) msl

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:01
Depth to water: 118.81 ft (36.15 m) below TOC
Water elevation: 202.59 ft (61.75 m) msl

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:02
Depth to water: 117.50 ft (35.81 m) below TOC
Water elevation: 204.20 ft (62.24 m) msl

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:02
No water in standpipe.

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:03
The well was dry.

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:00
Depth to water: 131.64 ft (40.12 m) below TOC
Water elevation: 189.18 ft (57.66 m) msl

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:06
Depth to water: 107.38 ft (32.73 m) below TOC
Water elevation: 216.41 ft (65.98 m) msl

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 12:59
Depth to water: 107.50 ft (32.77 m) below TOC
Water elevation: 216.50 ft (65.99 m) msl

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 12:57
Depth to water: 107.48 ft (32.75 m) below TOC
Water elevation: 217.14 ft (66.19 m) msl

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:00
No water in standpipe.

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 12:59
Depth to water: 118.11 ft (36.00 m) below TOC
Water elevation: 205.59 ft (62.66 m) msl

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:54
Depth to water: 158.67 ft (48.36 m) below TOC
Water elevation: 217.93 ft (66.43 m) msl

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:57
Depth to water: 151.47 ft (46.17 m) below TOC
Water elevation: 225.03 ft (68.59 m) msl

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:57
Depth to water: 146.41 ft (44.63 m) below TOC
Water elevation: 230.09 ft (70.13 m) msl

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:58
The well was dry.

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:54
Depth to water: 171.07 ft (52.14 m) below TOC
Water elevation: 205.63 ft (62.68 m) msl

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:46
Depth to water: 128.76 ft (39.25 m) below TOC
Water elevation: 229.14 ft (69.84 m) msl

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:41
Depth to water: 128.74 ft (39.24 m) below TOC
Water elevation: 229.26 ft (69.88 m) msl

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:41
Depth to water: 127.44 ft (38.84 m) below TOC
Water elevation: 230.06 ft (70.12 m) msl

WELL MSB 43DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:43
Depth to water: 126.84 ft (38.66 m) below TOC
Water elevation: 231.26 ft (70.49 m) msl

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:44
Depth to water: 154.73 ft (47.16 m) below TOC
Water elevation: 202.87 ft (61.84 m) msl

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:46
Depth to water: 159.76 ft (48.70 m) below TOC
Water elevation: 217.14 ft (66.19 m) msl

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:47
Depth to water: 153.55 ft (46.80 m) below TOC
Water elevation: 223.55 ft (68.14 m) msl

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 13:49
Depth to water: 141.47 ft (43.12 m) below TOC
Water elevation: 236.43 ft (72.06 m) msl

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:07
Depth to water: 165.05 ft (50.31 m) below TOC
Water elevation: 218.05 ft (65.85 m) msl

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:08
Depth to water: 156.26 ft (47.63 m) below TOC
Water elevation: 224.84 ft (68.53 m) msl

WATER-LEVEL DATA

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:09
The well was dry.

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:12
Depth to water: 157.84 ft (48.11 m) below TOC
Water elevation: 214.86 ft (65.49 m) msl

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:13
No water in standpipe.

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 11:13
The well was dry.

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:43
Depth to water: 141.87 ft (43.24 m) below TOC
Water elevation: 227.13 ft (69.23 m) msl

WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:40
Depth to water: 149.82 ft (45.67 m) below TOC
Water elevation: 219.28 ft (66.84 m) msl

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:46
Depth to water: 136.85 ft (41.71 m) below TOC
Water elevation: 232.45 ft (70.85 m) msl

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:43
Depth to water: 136.27 ft (41.54 m) below TOC
Water elevation: 232.93 ft (71.00 m) msl

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:40
Depth to water: 152.47 ft (46.47 m) below TOC
Water elevation: 216.53 ft (66.00 m) msl

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:55
Depth to water: 140.00 ft (42.67 m) below TOC
Water elevation: 222.20 ft (67.73 m) msl

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:51
Depth to water: 138.42 ft (42.19 m) below TOC
Water elevation: 223.48 ft (68.12 m) msl

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:52
Depth to water: 138.34 ft (42.17 m) below TOC
Water elevation: 224.56 ft (68.45 m) msl

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:54
Depth to water: 130.31 ft (39.72 m) below TOC
Water elevation: 232.89 ft (70.99 m) msl

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 7:57
Depth to water: 140.24 ft (42.75 m) below TOC
Water elevation: 222.16 ft (67.72 m) msl

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:14
Depth to water: 137.90 ft (42.03 m) below TOC
Water elevation: 197.50 ft (60.20 m) msl

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:11
Depth to water: 132.09 ft (40.26 m) below TOC
Water elevation: 202.71 ft (61.79 m) msl

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:12
Depth to water: 106.03 ft (32.32 m) below TOC
Water elevation: 228.17 ft (69.55 m) msl

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:41
Depth to water: 21.23 ft (6.47 m) below TOC
Water elevation: 202.77 ft (61.81 m) msl

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:42
Depth to water: 20.65 ft (6.29 m) below TOC
Water elevation: 202.85 ft (61.83 m) msl

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:32
Depth to water: 58.49 ft (17.83 m) below TOC
Water elevation: 205.01 ft (62.49 m) msl

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:33
Depth to water: 51.46 ft (15.69 m) below TOC
Water elevation: 211.04 ft (64.33 m) msl

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 12:50
Depth to water: 103.16 ft (31.44 m) below TOC
Water elevation: 218.74 ft (66.67 m) msl

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 12:50
Depth to water: 85.34 ft (26.01 m) below TOC
Water elevation: 238.46 ft (72.07 m) msl

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:07
Depth to water: 122.96 ft (37.48 m) below TOC
Water elevation: 221.62 ft (67.55 m) msl

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:07
Depth to water: 123.15 ft (37.54 m) below TOC
Water elevation: 222.35 ft (67.77 m) msl

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:09
Depth to water: 111.77 ft (34.07 m) below TOC
Water elevation: 233.33 ft (71.12 m) msl

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:18
Depth to water: 151.77 ft (46.26 m) below TOC
Water elevation: 221.93 ft (67.65 m) msl

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:15
Depth to water: 147.08 ft (44.83 m) below TOC
Water elevation: 226.61 ft (69.07 m) msl

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:16
Depth to water: 141.03 ft (42.99 m) below TOC
Water elevation: 232.97 ft (71.01 m) msl

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:19
Depth to water: 154.08 ft (47.21 m) below TOC
Water elevation: 218.82 ft (66.73 m) msl

WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:37
Depth to water: 147.69 ft (45.02 m) below TOC
Water elevation: 221.21 ft (67.43 m) msl

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:39
Depth to water: 140.15 ft (42.72 m) below TOC
Water elevation: 229.35 ft (69.91 m) msl

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:41
No water in standpipe

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:40
Depth to water: 136.57 ft (41.63 m) below TOC
Water elevation: 232.23 ft (70.78 m) msl

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:38
Depth to water: 155.02 ft (47.25 m) below TOC
Water elevation: 213.78 ft (65.18 m) msl

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 9:53
Depth to water: 58.47 ft (17.82 m) below TOC
Water elevation: 221.33 ft (67.46 m) msl

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:20
Depth to water: 125.89 ft (38.37 m) below TOC
Water elevation: 230.31 ft (70.20 m) msl

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:27
Depth to water: 127.86 ft (38.97 m) below TOC
Water elevation: 230.04 ft (70.12 m) msl

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:35
Depth to water: 130.60 ft (39.81 m) below TOC
Water elevation: 228.70 ft (69.71 m) msl

WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:47
Depth to water: 125.80 ft (38.34 m) below TOC
Water elevation: 228.70 ft (69.71 m) msl

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 8:59
Depth to water: 94.89 ft (28.92 m) below TOC
Water elevation: 222.71 ft (67.88 m) msl

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 8:59
Depth to water: 93.28 ft (28.43 m) below TOC
Water elevation: 224.82 ft (68.53 m) msl

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:54
Depth to water: 139.16 ft (42.42 m) below TOC
Water elevation: 209.94 ft (63.99 m) msl

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:54
Depth to water: 127.42 ft (38.84 m) below TOC
Water elevation: 221.68 ft (67.57 m) msl

WATER-LEVEL DATA

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:58
Depth to water: 122.13 ft (37.23 m) below TOC
Water elevation: 227.37 ft (69.30 m) msl

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:07
Depth to water: 137.33 ft (41.86 m) below TOC
Water elevation: 209.67 ft (63.91 m) msl

WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:05
Depth to water: 127.45 ft (38.85 m) below TOC
Water elevation: 219.85 ft (66.95 m) msl

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 9:05
Depth to water: 118.94 ft (36.25 m) below TOC
Water elevation: 227.86 ft (69.45 m) msl

WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:15
Depth to water: 140.53 ft (42.83 m) below TOC
Water elevation: 208.17 ft (63.45 m) msl

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:17
Depth to water: 127.52 ft (38.87 m) below TOC
Water elevation: 221.18 ft (67.42 m) msl

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 11:15
Depth to water: 123.42 ft (37.62 m) below TOC
Water elevation: 225.58 ft (68.76 m) msl

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 14:28
Depth to water: 116.35 ft (35.46 m) below TOC
Water elevation: 233.15 ft (71.06 m) msl

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:05
Depth to water: 164.80 ft (50.23 m) below TOC
Water elevation: 218.70 ft (66.66 m) msl

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:03
Depth to water: 155.33 ft (47.35 m) below TOC
Water elevation: 228.17 ft (69.55 m) msl

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:01
Depth to water: 153.13 ft (46.67 m) below TOC
Water elevation: 230.17 ft (70.16 m) msl

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:01
Depth to water: 176.81 ft (53.89 m) below TOC
Water elevation: 205.99 ft (62.79 m) msl

WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:17
Depth to water: 146.72 ft (44.72 m) below TOC
Water elevation: 218.38 ft (66.56 m) msl

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:20
Depth to water: 137.55 ft (41.93 m) below TOC
Water elevation: 227.25 ft (69.27 m) msl

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:18
Depth to water: 133.40 ft (40.66 m) below TOC
Water elevation: 231.60 ft (70.59 m) msl

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:30
Depth to water: 137.89 ft (42.03 m) below TOC
Water elevation: 219.01 ft (66.76 m) msl

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:27
Depth to water: 130.38 ft (39.74 m) below TOC
Water elevation: 226.32 ft (68.98 m) msl

WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 10:28
Depth to water: 124.32 ft (37.89 m) below TOC
Water elevation: 232.68 ft (70.92 m) msl

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:48
Depth to water: 160.95 ft (49.06 m) below TOC
Water elevation: 220.75 ft (67.29 m) msl

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:48
Depth to water: 154.19 ft (47.00 m) below TOC
Water elevation: 227.61 ft (69.38 m) msl

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:45
Depth to water: 149.36 ft (45.53 m) below TOC
Water elevation: 232.84 ft (70.97 m) msl

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:45
Depth to water: 166.43 ft (50.73 m) below TOC
Water elevation: 215.07 ft (65.55 m) msl

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:41
Depth to water: 146.31 ft (44.60 m) below TOC
Water elevation: 215.89 ft (65.80 m) msl

WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 10:41
Depth to water: 142.46 ft (43.42 m) below TOC
Water elevation: 220.04 ft (67.07 m) msl

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 13:09
Depth to water: 128.41 ft (39.14 m) below TOC
Water elevation: 216.89 ft (66.05 m) msl

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:06
Depth to water: 128.19 ft (39.07 m) below TOC
Water elevation: 200.01 ft (60.96 m) msl

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:18
Depth to water: 138.85 ft (42.32 m) below TOC
Water elevation: 201.55 ft (61.43 m) msl

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:45
Depth to water: 104.01 ft (31.70 m) below TOC
Water elevation: 210.48 ft (64.16 m) msl

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:45
Depth to water: 104.66 ft (31.90 m) below TOC
Water elevation: 210.34 ft (64.11 m) msl

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:47
Depth to water: 80.79 ft (24.63 m) below TOC
Water elevation: 234.31 ft (71.42 m) msl

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:38
Depth to water: 117.43 ft (35.79 m) below TOC
Water elevation: 209.27 ft (63.79 m) msl

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 10:38
Depth to water: 117.43 ft (35.78 m) below TOC
Water elevation: 210.07 ft (64.03 m) msl

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 13:04
Depth to water: 133.07 ft (40.56 m) below TOC
Water elevation: 219.73 ft (66.97 m) msl

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:14
Depth to water: 136.45 ft (41.59 m) below TOC
Water elevation: 221.25 ft (67.44 m) msl

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:17
Depth to water: 134.28 ft (40.93 m) below TOC
Water elevation: 223.42 ft (68.10 m) msl

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:18
Depth to water: 123.87 ft (37.76 m) below TOC
Water elevation: 233.83 ft (71.30 m) msl

WELL MSB 77TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:15
Depth to water: 136.32 ft (41.55 m) below TOC
Water elevation: 221.08 ft (67.39 m) msl

WELL MSB 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 12:59
Depth to water: 140.99 ft (42.97 m) below TOC
Water elevation: 222.61 ft (67.85 m) msl

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:53
Depth to water: 141.06 ft (43.00 m) below TOC
Water elevation: 206.94 ft (63.08 m) msl

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:53
Depth to water: 139.01 ft (42.37 m) below TOC
Water elevation: 209.79 ft (63.64 m) msl

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/16/91 Time: 9:23
Depth to water: 48.27 ft (14.71 m) below TOC
Water elevation: 218.93 ft (66.73 m) msl

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:56
Depth to water: 147.89 ft (45.08 m) below TOC
Water elevation: 226.61 ft (69.07 m) msl

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:54
Depth to water: 154.30 ft (47.03 m) below TOC
Water elevation: 220.10 ft (67.09 m) msl

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:57
Depth to water: 150.64 ft (45.92 m) below TOC
Water elevation: 223.36 ft (68.06 m) msl

WATER-LEVEL DATA

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:54
Depth to water: 141.33 ft (43.08 m) below TOC
Water elevation: 232.37 ft (70.83 m) msl

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:59
Depth to water: 159.61 ft (48.65 m) below TOC
Water elevation: 214.19 ft (65.29 m) msl

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:24
Depth to water: 150.48 ft (45.87 m) below TOC
Water elevation: 221.52 ft (67.52 m) msl

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:25
Depth to water: 144.12 ft (43.93 m) below TOC
Water elevation: 227.98 ft (69.49 m) msl

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:27
Depth to water: 138.80 ft (42.31 m) below TOC
Water elevation: 232.90 ft (70.99 m) msl

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:28
Depth to water: 156.96 ft (47.84 m) below TOC
Water elevation: 214.84 ft (65.48 m) msl

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:32
Depth to water: 132.37 ft (40.35 m) below TOC
Water elevation: 229.63 ft (69.99 m) msl

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:08
Depth to water: 159.23 ft (48.53 m) below TOC
Water elevation: 221.57 ft (67.54 m) msl

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:06
Depth to water: 156.85 ft (47.81 m) below TOC
Water elevation: 224.55 ft (68.44 m) msl

WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:10
Depth to water: 148.47 ft (45.25 m) below TOC
Water elevation: 232.93 ft (71.00 m) msl

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:05
Depth to water: 159.87 ft (48.73 m) below TOC
Water elevation: 221.13 ft (67.40 m) msl

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 8:01
Depth to water: 133.03 ft (40.55 m) below TOC
Water elevation: 224.37 ft (68.39 m) msl

WELL SLW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 12:35
Depth to water: 130.28 ft (39.71 m) below TOC
Water elevation: 173.82 ft (52.98 m) msl

WELL SLW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 13:04
Depth to water: 117.92 ft (35.94 m) below TOC
Water elevation: 186.68 ft (56.90 m) msl

WELL SLW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 13:01
Depth to water: 84.39 ft (25.72 m) below TOC
Water elevation: 194.31 ft (59.23 m) msl

WELL SLW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 12:40
Depth to water: 100.53 ft (30.64 m) below TOC
Water elevation: 200.17 ft (61.01 m) msl

WELL SLW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 12:44
Depth to water: 43.80 ft (13.35 m) below TOC
Water elevation: 198.20 ft (60.41 m) msl

WELL SLW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 12:46
Depth to water: 47.05 ft (14.34 m) below TOC
Water elevation: 204.45 ft (62.32 m) msl

WELL SLW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 12:51
Depth to water: 54.10 ft (16.49 m) below TOC
Water elevation: 177.00 ft (53.95 m) msl

WELL SLW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 12:55
Depth to water: 58.92 ft (17.96 m) below TOC
Water elevation: 198.58 ft (60.53 m) msl

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:28
Depth to water: 103.41 ft (31.52 m) below TOC
Water elevation: 211.79 ft (64.55 m) msl

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:22
Depth to water: 107.12 ft (32.65 m) below TOC
Water elevation: 213.48 ft (65.07 m) msl

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:22
Depth to water: 113.81 ft (34.69 m) below TOC
Water elevation: 206.79 ft (63.03 m) msl

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:25
Depth to water: 112.54 ft (34.30 m) below TOC
Water elevation: 208.06 ft (63.42 m) msl

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:20
Depth to water: 119.73 ft (36.49 m) below TOC
Water elevation: 212.37 ft (64.73 m) msl

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:41
No water in standpipe.

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:40
Depth to water: 99.18 ft (30.23 m) below TOC
Water elevation: 210.22 ft (64.08 m) msl

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:31
Depth to water: 96.62 ft (29.45 m) below TOC
Water elevation: 211.08 ft (64.34 m) msl

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:33
Depth to water: 89.08 ft (27.15 m) below TOC
Water elevation: 210.02 ft (64.01 m) msl

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:53
Depth to water: 79.48 ft (24.23 m) below TOC
Water elevation: 208.62 ft (63.59 m) msl

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:01
Depth to water: 52.63 ft (16.04 m) below TOC
Water elevation: 200.77 ft (61.20 m) msl

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:03
Depth to water: 54.18 ft (16.51 m) below TOC
Water elevation: 199.12 ft (60.69 m) msl

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 8:02
Depth to water: 52.83 ft (16.10 m) below TOC
Water elevation: 200.57 ft (61.13 m) msl

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:37
No water in standpipe.

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:36
Depth to water: 89.63 ft (27.32 m) below TOC
Water elevation: 206.17 ft (62.84 m) msl

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:57
Depth to water: 40.62 ft (12.38 m) below TOC
Water elevation: 195.68 ft (59.64 m) msl

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:57
Depth to water: 44.28 ft (13.50 m) below TOC
Water elevation: 192.02 ft (58.53 m) msl

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:58
Depth to water: 36.34 ft (11.08 m) below TOC
Water elevation: 199.96 ft (60.95 m) msl

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:49
Depth to water: 96.05 ft (29.28 m) below TOC
Water elevation: 201.65 ft (61.48 m) msl

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:50
Depth to water: 93.98 ft (28.65 m) below TOC
Water elevation: 203.72 ft (62.09 m) msl

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:48
Depth to water: 89.38 ft (27.24 m) below TOC
Water elevation: 208.34 ft (63.50 m) msl

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:45
Depth to water: 123.98 ft (37.79 m) below TOC
Water elevation: 203.02 ft (61.88 m) msl

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:44
Depth to water: 121.49 ft (37.03 m) below TOC
Water elevation: 205.41 ft (62.61 m) msl

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:48
No water in standpipe.

WATER-LEVEL DATA

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:14
Depth to water: 110.03 ft (33.54 m) below TOC
Water elevation: 209.07 ft (63.73 m) msl

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:14
Depth to water: 109.22 ft (33.29 m) below TOC
Water elevation: 209.88 ft (63.97 m) msl

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/18/91 Time: 7:16
Depth to water: 106.84 ft (32.57 m) below TOC
Water elevation: 212.26 ft (64.70 m) msl

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 13:26
Depth to water: 133.78 ft (40.78 m) below TOC
Water elevation: 213.02 ft (64.93 m) msl

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 13:26
Depth to water: 132.91 ft (40.51 m) below TOC
Water elevation: 213.89 ft (65.19 m) msl

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/17/91 Time: 13:29
Depth to water: 132.20 ft (40.30 m) below TOC
Water elevation: 214.40 ft (65.35 m) msl

WELL YSC 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 13:58
Depth to water: 51.72 ft (15.76 m) below TOC
Water elevation: 222.68 ft (67.87 m) msl

WELL YSC 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 14:18
Depth to water: 105.37 ft (32.12 m) below TOC
Water elevation: 184.83 ft (56.34 m) msl

10. 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-Area 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 Basin
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 Site: 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 1TA 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 1TB 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)
NBG	Between the F-Area Canyon Building and the Naval Fuel Material Facility
P	B Area: Microbiology Wells [P 29 cluster] F Area: Microbiology Wells [P 28 cluster] TNX Area: Background Wells [P 26 cluster]
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
RAC	R-Area Acid/Caustic Basin

Well Series	Site Description
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
	Kato Road Site
	Lower Kato Road Site
	Orangeburg Site
	Sandy (Lucy) 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
905103F	F-Area Production Well

NOTES

11. 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. A sample container of deionized water sent to a laboratory under an alias name as a quality control check.

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.

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, or a dilution factor of 10).

DL. See **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.

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.

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

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.

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. See **General Engineering**.

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 as an in-house check of analytical procedures and equipment (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**.

LC. Lancaster Laboratories of Lancaster, PA.

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. For further information, see the **Quality Control Samples** section of this report.

MS. Mountain States Analytical (a division of Lancaster Laboratories) of Salt Lake City, UT.

msl. 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 3.7×10^{-2} disintegrations per second.

piezometer. An instrument used to measure the potentiometric surface of the groundwater. Also, a well designed for this purpose. See **potentiometric surface**.

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).

potentiometric surface. A surface to which water in an aquifer would rise by hydrostatic pressure if unconfined.

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. Under the EPD/EMS Groundwater Monitoring Program, four well volumes generally are purged before sampling.

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. See **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. See **blind replicate**.

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.

GLOSSARY

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. A sample container of deionized water that is transported to the well sample location, treated as a well sample, and sent to the laboratory for analysis; trip blanks are used to check for contamination resulting from transport, shipping, and site conditions.

***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. See **NTU**.

(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. The volume of water between the well water surface and the bottom of the screen; the volume of water standing inside the well casing.

WSRC. Westinghouse Savannah River Company.

12. REFERENCES

American Public Health Association, American Water Works Association, and Water Pollution Control Federation. 1985. *Standard Methods for the Examination of Water and Wastewater,* 16th edition. Washington, DC.

Christensen, E. J., and D. E. Gordon, eds. 1983. *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant, Volume I—Site Geohydrology and Solid and Hazardous Wastes,* DPST-83-829. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Laboratory.

Environmental Monitoring (Environmental and Health Protection Department) and Exploration Resources. 1989. *The Savannah River Site's Groundwater Monitoring Program Conducted by the Environmental and Health Protection Department for the First Quarter 1989,* ESH-EMS-890043. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental and Health Protection Department) and Exploration Resources. 1989. *The Savannah River Site's Groundwater Monitoring Program Conducted by the Environmental and Health Protection Department for the Second Quarter 1989,* ESH-EMS-890044. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental and Health Protection Department) and Exploration Resources. 1989. *The Savannah River Site's Groundwater Monitoring Program Conducted by the Environmental and Health Protection Department for the Third Quarter 1989,* ESH-EMS-890045. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental and Health Protection Department) and Exploration Resources. 1989. *The Savannah River Site's Groundwater Monitoring Program Conducted by the Environmental and Health Protection Department for the Fourth Quarter 1989,* ESH-EMS-890046. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1990. *The Savannah River Site's Groundwater Monitoring Program, First Quarter 1990,* ESH-EMS-90-0131. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1991. *The Savannah River Site's Groundwater Monitoring Program, Second Quarter 1990,* ESH-EMS-900132. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1991. *The Savannah River Site's Groundwater Monitoring Program, Third Quarter 1990,* ESH-EMS-900133. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1991. *The Savannah River Site's Groundwater Monitoring Program, Fourth Quarter 1990,* ESH-EMS-900134. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1991. *The Savannah River Site's Groundwater*

REFERENCES

Monitoring Program, First Quarter 1991, ESH-EMS-910087. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. 1992. *The Savannah River Site's Groundwater Monitoring Program, Second Quarter 1991*, ESH-EMS-910088. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1987. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Second Quarter 1987*, HPR-87-286. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1987. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Third Quarter 1987*, HPR-87-339. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1988. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Fourth Quarter 1987*, HPR-88-098. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1988. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the First Quarter 1988*, HPR-88-238. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1988. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Second Quarter 1988*, HPR-88-300. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1988. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Third Quarter 1988*, HPR-88-489. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Monitoring (Health Protection Department) and Exploration Software. 1989. *The Savannah River Site's Groundwater Monitoring Program Conducted by the Health Protection Department for the Fourth Quarter 1988*, HPR-89-193. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Protection Agency. 1977. *National Interim Primary Drinking Water Regulations*, EPA-570/9-76-003. Washington, DC.

Environmental Protection Agency. 1983. *Methods for Chemical Analysis of Water and Wastes*. PB84-128677. Cincinnati, OH.

Environmental Protection Agency. 1986a. National Primary Drinking Water Regulations. *Code of Federal Regulations*, Title 40, Part 141. Washington, DC.

Environmental Protection Agency. 1986b. *RCRA Ground-Water Monitoring Technical Enforcement Guidance Document*, OSWER-9950.1. Washington, DC: Office of Waste Programs Enforcement.

Environmental Protection Agency. 1986c. Water Pollution Control; National Primary Drinking Water Regulations; Radionuclides; Proposed. *Federal Register*, September 30, 1986. Washington, DC.

Environmental Protection Agency. 1986d. *Test Methods for Evaluating Solid Waste*, Volumes 1A, 1B, and 1C, Third edition. SW-846. Washington, DC.

Environmental Protection Agency. 1987a. National Primary Drinking Water Regulations. *Code of Federal Regulations*, Title 40, Part 141. Washington, DC.

Environmental Protection Agency. 1987b. National Primary Drinking Water Regulations; Synthetic Organic Chemicals; Monitoring for Unregulated Contaminants. *Federal Register*, July 8, 1987. Washington, DC.

REFERENCES

Environmental Protection Agency. 1989. National Primary and Secondary Drinking Water Regulations; Proposed Rule. *Federal Register,* May 22, 1989. Washington, DC.

Environmental Protection Agency. 1990a. National Primary Drinking Water Regulations. *Code of Federal Regulations,* Title 40, Part 141. Washington, DC.

Environmental Protection Agency. 1990b. National Primary and Secondary Drinking Water Regulations; Synthetic Organic Chemicals and Inorganic Chemicals; Proposed Rule. *Federal Register,* July 25, 1990. Washington, DC.

Environmental Protection Agency. 1990c. National Primary Drinking Water Regulations; Lead and Copper; Proposed Rule. *Federal Register,* October 19, 1990. Washington, DC.

Environmental Protection Agency. 1991a. National Primary and Secondary Drinking Water Regulations; Final Rule. *Federal Register,* January 30, 1991. Washington, DC.

Environmental Protection Agency. 1991b. Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper; Final Rule. *Federal Register,* June 7, 1991. Washington, DC.

Environmental Protection Agency. 1991c. National Primary Drinking Water Regulations; Final Rule. *Federal Register,* July 1, 1991. Washington, DC.

Environmental Protection Agency. 1991d. National Primary Drinking Water Regulations; Radionuclides; Proposed Rule. *Federal Register,* July 18, 1991. Washington, DC.

Environmental Protection Department and Exploration Resources. 1991. *Environmental Protection Department's Well Inventory* (Includes Current and Past Monitoring [through the second quarter of 1991]), ESH-EMS-910091. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Heath, E. M., L. B. Taus, C. M. Olson, and Exploration Software. 1986. *The Savannah River Plant's Waste-Site Groundwater Monitoring Program Conducted by the Health Protection Department for the Third Quarter 1986,* HPR-87-002. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Heath, E. M., L. B. Taus, C. M. Olson, and Exploration Software. 1987. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the Fourth Quarter 1986,* HPR-87-072. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Heath, E. M., L. B. Taus, C. M. Olson, and Exploration Software. 1987. *The Savannah River Plant's Groundwater Monitoring Program Conducted by the Health Protection Department for the First Quarter 1987,* HPR-87-158. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Los Alamos National Laboratory. 1983. *Manual of Methods for Radiobioassay,* LA-9763-M. Los Alamos, NM.

Olson, C. M., and Exploration Software. 1986. *The Savannah River Plant's Waste-Site Groundwater Monitoring Program Conducted by the Health Protection Department for the First Quarter 1986,* HPR-86-158 (Revised). Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Olson, C. M., and Exploration Software. 1986. *The Savannah River Plant's Waste-Site Groundwater Monitoring Program Conducted by the Health Protection Department for the Second Quarter 1986,* HPR-86-226. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Stone, J. A., and E. J. Christensen, eds. 1983. *Technical Summary of Groundwater Quality Protection Program at Savannah River Plant, Volume II—Radioactive Waste,* DPST-83-829. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Laboratory.

U.S. Department of Energy. 1988. *Geohydrology Program Report.* Aiken, SC: Environmental Division, U.S. Department of Energy, Savannah River Operations Office.

REFERENCES

U.S. Department of Energy. 1989. *Geoscience Implementation Plan.* Aiken, SC: Environmental Division, U.S. Department of Energy, Savannah River Operations Office.

U.S. Department of Energy. 1986. *Savannah River Plant Environmental Report for 1985,* Volumes I and II, DPSPU-86-30-1. Aiken, SC.

U.S. Department of Energy. 1987. *Savannah River Plant Environmental Report for 1986,* Volumes I and II, DPSPU-87-30-1. Aiken, SC.

U.S. Department of Energy. 1988. *Savannah River Plant Environmental Report for 1987,* Volumes I and II, DPSPU-88-30-1. Aiken, SC.

U.S. Department of Energy. 1989. *Savannah River Site Environmental Report for 1988,* Volumes I and II, WSRC-RP-89-59-1. Aiken, SC.

U.S. Department of Energy. 1990. *Savannah River Site Environmental Report for 1989,* Volumes I and II, WSRC-IM-90-60. Aiken, SC.

U.S. Department of Energy. 1991. *Savannah River Site Environmental Report for 1990,* Volumes I and II, WSRC-IM-91-28. Aiken, SC.

Westinghouse Savannah River Company. 1989. *Hydrogeologic Data Collection Procedures and Specifications,* DPSOP 254, Revision 1, October 1, 1989. Aiken, SC.

Appendix A. ANALYTICAL RESULTS

This section presents the field and analytical results for samples collected during third 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 blanks (results are in the **Quality Control Samples** section) and radionuclide analyses which are not available from the contract laboratory. Some samples may be analyzed for field data only and have no laboratory analyses.

The following codes may appear in the tabular data.

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
LC = Lancaster Laboratories
Lindane = gamma-Benzene hexachloride
MA = M-Area Laboratory
MS = Mountain States
mg/L = milligrams per liter
msl = mean sea level
NTU = turbidity 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: 07/19/91
Depth to water: 141.56 ft (43.15 m) below TOC
Water elevation: 218.34 ft (66.55 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 120 gal

Time: 12:20
pH: 4.9
Alkalinity: 2 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Arsenic	<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	797	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)	<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	Lithium	<5.0	µg/L	GE
0	Magnesium	296	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	910	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	6,220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	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 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)	<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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.2E-06 ± 3.0E-07	µCi/mL	GE

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 141.56 ft (43.15 m) below TOC
Water elevation: 218.34 ft (66.55 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 120 gal

Time: 12:20
pH: 4.9
Alkalinity: 2 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	15	µS/cm	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	806	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,640	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	<5.0	µg/L	GE
0	Magnesium	289	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	910	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	6,060	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	10,000	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)	<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	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-06 ± 3.0E-07	µCi/mL	GE

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 155.52 ft (47.40 m) below TOC
Water elevation: 216.36 ft (65.95 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 96 gal

Time: 14:05
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 22.5°C

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	3.8	µg/L	GE

WELL ABP 2A collected on 07/19/91, 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	499	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,790	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	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	<5.0	µg/L	GE
0	Magnesium	242	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	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	6,860	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,120	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	3,000	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)	<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
2	Trichloroethylene	25	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	2.6E-06 ± 3.0E-07	µCi/mL	GE

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 — Time: 7:25
Depth to water: 135.84 ft (41.40 m) below TOC — pH: 4.9
Water elevation: 217.86 ft (66.40 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 32 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	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	Calcium	438	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,610	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	Dibromochloromethane	<1.0	µg/L	GE

WELL ABP 3 collected on 07/25/91, 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	6.5	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	268	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	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	6,240	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,080	µg/L	GE
0	Sulfate	1,210	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	10,000	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)	190	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	2.3E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 — Time: 8:15
Depth to water: 160.27 ft (48.85 m) below TOC — pH: 6.3
Water elevation: 194.23 ft (59.20 m) msl — Alkalinity: 23 mg/L
Sp. conductance: 85 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 88 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	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	8,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,790	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	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Lithium	5.0	µg/L	GE
0	Magnesium	750	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 3C collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Manganese	53	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	3,200	µg/L	GE
0	Phenols	5.0	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	9,850	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,970	µg/L	GE
0	Sulfate	<1,000	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	36,000	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)	240	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	37	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	1.8E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 146.80 ft (45.35 m) below TOC
Water elevation: 215.50 ft (65.69 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 88 gal
Time: 13:30
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	15	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	917	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	1.1	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	<5.0	µg/L	GE
0	Magnesium	386	µg/L	GE
0	Manganese	4.9	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	1,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,920	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	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	7,000	µg/L	GE

WELL ABP 4 collected on 07/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	40	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
2	Trichloroethylene	11	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 ± 1.5E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 178.05 ft (54.27 m) below TOC
Water elevation: 184.05 ft (59.15 m) msl
Sp. conductance: 2314 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.
Time: 7:00
pH: 12.1
Alkalinity: 820 mg/L
Water temperature: 24.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	13	pH	GE
2	Specific conductance	2,900	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	755	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	232,000	µg/L	GE
0	Calcium	116,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,020	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	21	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	116	µg/L	GE
0	Iron	14	µg/L	GE
1	Lead	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
2	Lithium	259	µg/L	GE
0	Magnesium	12	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	250	µg/L	GE
2	Phenols	86	µg/L	GE
0	Potassium	67,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,980	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	75,600	µg/L	GE
0	Sulfate	17,000	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	785,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
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	2.2	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	5.8E-09 ± 7.9E-09	µCi/mL	GE
1	Nonvolatile beta	5.0E-08 ± 1.8E-08	µCi/mL	GE
2	Total radium	7.3E-09 ± 5.4E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 Time: 14:15
Depth to water: 156.81 ft (47.80 m) below TOC
Water elevation: 214.06 ft (65.26 m) msl
The well pumped dry before all field parameters were collected.

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91 Time: 7:45
Depth to water: 100.96 ft (30.77 m) below TOC pH: 4.8
Water elevation: 223.84 ft (68.23 m) msl Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 102 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 Time: 9:50
Depth to water: 49.41 ft (15.06 m) below TOC pH: 5.5
Water elevation: 212.69 ft (64.83 m) msl Alkalinity: 4 mg/L
Sp. conductance: 24 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 188 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	4.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,360	µg/L	GE
0	Chloride	2,210	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	6.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	265	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Mercury	<0.20	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	10,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,630	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	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	<5.0	µg/L	GE
0	Total phosphates (as P)	320	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	2.8E-09 ± 2.2E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 2.2E-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 AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 Time: 10:10
Depth to water: Not available pH: 5.6
Water elevation: Not available Alkalinity: 5 mg/L
Sp. conductance: 28 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 59 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	9.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	946	µg/L	GE
0	Chloride	2,850	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	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	505	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	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	<2.0	µg/L	GE
0	Silica	8,320	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	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)	200	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 ± 2.2E-09	µCi/mL	GE
1	Total radium	3.0E-09 ± 4.1E-09	µCi/mL	GE
1	Total radium	3.2E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	9.6E-07 ± 2.0E-07	µCi/mL	GE
0	Tritium	7.6E-07 ± 2.0E-07	µCi/mL	GE

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 Time: 11:30
Depth to water: 125.44 ft (38.23 m) below TOC pH: 6.0
Water elevation: 219.26 ft (66.83 m) msl Alkalinity: 10 mg/L
Sp. conductance: 29 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 204 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,910	µg/L	GE
0	Chloride	1,580	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	298	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,700	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	7,880	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,420	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	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)	<100	µg/L	GE

ANALYTICAL RESULTS

WELL AC 2A collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	2.2E-09 ± 1.7E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: 119.68 ft (36.48 m) below TOC
Water elevation: 225.12 ft (68.62 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 24 gal
Time: 12:00
pH: 5.4
Alkalinity: 4 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	15	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	1,070	µg/L	GE
0	Chloride	2,520	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	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	454	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	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	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,390	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	39,000	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)	700	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	1.1E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 95.66 ft (29.16 m) below TOC
Water elevation: 206.64 ft (62.98 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 152 gal
Time: 10:20
pH: 5.9
Alkalinity: 15 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,440	µg/L	GE
0	Chloride	2,390	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	5.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	289	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	160	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,510	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,430	µg/L	GE

WELL AC 3A collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	1,180	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
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 organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-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 AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 94.15 ft (28.70 m) below TOC
Water elevation: 208.35 ft (63.51 m) msl
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 306 gal
Time: 10:30
pH: 8.9
Alkalinity: 26 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.1	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Arsenic	2.2	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12,800	µg/L	GE
0	Chloride	2,550	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	285	µg/L	GE
0	Manganese	<2.0	µg/L	GE
1	Mercury	1.3	µg/L	GE
0	Nitrate as nitrogen	650	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	1,980	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Total dissolved solids	51,000	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)	200	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	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	9.2E-07 ± 2.0E-07	µCi/mL	GE

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: 122.58 ft (37.36 m) below TOC
Water elevation: 237.02 ft (72.24 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 51 gal
Time: 10:10
pH: 5.5
Alkalinity: 13 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<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	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
0	Manganese	2.3	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
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	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA

WELL ACB 1A collected on 07/28/91, 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
1	Total radium	3.7E-09 ± 4.0E-09	µCi/mL	GE

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: 122.58 ft (37.36 m) below TOC
Water elevation: 237.02 ft (72.24 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 51 gal
Time: 10:10
pH: 5.5
Alkalinity: 13 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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: 110.86 ft (33.79 m) below TOC
Water elevation: 238.94 ft (72.83 m) msl
Sp. conductance: 56 µS/cm
Water evacuated before sampling: 82 gal
Time: 10:40
pH: 5.2
Alkalinity: 7 mg/L
Water temperature: 21.0°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	Manganese	<2.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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	4.7E-09 ± 4.1E-09	µCi/mL	GE

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: 110.07 ft (33.55 m) below TOC
Water elevation: 238.23 ft (72.61 m) msl
Sp. conductance: 145 µS/cm
Water evacuated before sampling: 84 gal
Time: 13:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.4°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
2	Manganese	87	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	4.4E-09 ± 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.4E-09 ± 2.4E-09	µCi/mL	GE
2	Total radium	1.5E-08 ± 6.4E-09	µCi/mL	GE

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: 120.02 ft (36.58 m) below TOC
Water elevation: 239.08 ft (72.87 m) msl
Sp. conductance: 154 µS/cm
Water evacuated before sampling: 58 gal
Time: 13:05
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 21.0°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

WELL ACB 4A collected on 07/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Manganese	41	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
1	Gross alpha	1.1E-08 ± 3.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.1E-09 ± 2.6E-09	µCi/mL	GE
2	Total radium	3.0E-08 ± 8.8E-09	µCi/mL	GE

WELL AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 149.20 ft (45.48 m) below TOC
Water elevation: 231.20 ft (70.47 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 4 gal
There was insufficient water to fill all or some sample bottles.
Time: 5:50
pH: 5.8
Alkalinity: 24 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	41	µS/cm	GE
0	Specific conductance	45	µS/cm	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	7.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(2-chloroisopropyl)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	1,140	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,760	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	Chloroform	<1.0	µg/L	GE
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)	<1.0	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	1,2-Dichloropropane	<1.0	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	2-Hexanone	<1.0	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	149	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Lead	3.9	µg/L	GE
0	Magnesium	358	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Nickel	<4.0	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	Propionitrile	<200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,830	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,290	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,130	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 4 collected on 08/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	5.2	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<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	115	µg/L	GE
2	Total organic halogens	120	µg/L	GE
2	Total organic halogens	135	µg/L	GE
2	Total organic halogens	162	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
2	Trichloroethylene	110	µg/L	GE
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	16	µg/L	GE

WELL AMB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91
Depth to water: 161.54 ft (49.24 m) below TOC
Sp. conductance: 130 µS/cm
Water evacuated before sampling: 256 gal

Time: 11:35
pH: 9.4
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.5	pH	GE
1	pH	9.5	pH	GE
1	pH	9.5	pH	GE
1	pH	9.5	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Specific conductance	150	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	43	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	4.4	µg/L	GE
0	Barium	6.1	µg/L	GE
0	Benzene	<100	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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) phtnalate	<10	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<100	µg/L	GE
0	Bromoform	<100	µg/L	GE
0	Bromomethane (Methyl bromide)	<100	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	11,800	µg/L	GE
0	Carbon tetrachloride	<100	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,480	µg/L	GE
0	Chloride	2,520	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chlorobenzene	<100	µg/L	GE
0	Chloroethane	<100	µg/L	GE
0	Chloroethene (Vinyl chloride)	<100	µg/L	GE
0	2-Chloroethyl vinyl ether	<100	µg/L	GE
0	Chloroform	<100	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chloroform	<10	µg/L	MA
0	Chloromethane (Methyl chloride)	<100	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	7.3	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE

WELL AMB 4A collected on 09/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cyanide	<5.0	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	<100	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	GE
0	1,1-Dichloroethane	<100	µg/L	GE
0	1,2-Dichloroethane	<100	µg/L	GE
0	1,1-Dichloroethylene	<100	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethylene	<100	µg/L	GE
0	trans-1,2-Dichloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethylene	<10	µg/L	MA
0	Dichloromethane (Methylene chloride)	140	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	<100	µg/L	GE
0	trans-1,3-Dichloropropene	<100	µg/L	GE
0	cis-1,3-Dichloropropene	<100	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	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	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	<0.10	µg/L	GE
0	Ethylbenzene	<100	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	150	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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	8.7	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	229	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	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	860	µg/L	GE
0	Nitrate as nitrogen	840	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 1016	<0.50	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1254	<1.0	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	PCB 1260	<1.0	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	17	µg/L	GE
0	Potassium	1,220	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	32,500	µg/L	GE

WELL AMB 4A collected on 09/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	13,800	µg/L	GE
0	Sulfate	12,500	µg/L	GE
0	Sulfate	12,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<100	µg/L	GE
0	Tetrachloroethylene	<100	µg/L	GE
2	Tetrachloroethylene	75	µg/L	MA
2	Tetrachloroethylene	76	µg/L	MA
0	Thallium	<2.0	µg/L	GE
0	Toluene	<100	µg/L	GE
0	Total dissolved solids	111,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	259	µg/L	GE
2	Total organic halogens	259	µg/L	GE
2	Total organic halogens	267	µg/L	GE
2	Total organic halogens	278	µg/L	GE
2	Total organic halogens	282	µg/L	GE
0	Total phosphates (as P)	120	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,2-Trichloroethane	<100	µg/L	GE
2	Trichloroethylene	500	µg/L	GE
2	Trichloroethylene	509	µg/L	MA
2	Trichloroethylene	514	µg/L	MA
0	Trichlorofluoromethane	<100	µg/L	GE
0	2,4,6-Trichlorophenol	<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 ± 2.0E-09	µCi/mL	GE
0	Total activity	3.9E-07 ± 1.3E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 12:30
Depth to water: 155.30 ft (47.34 m) below TOC pH: 5.5
Sp. conductance: 45 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 192 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	5.9	pH	GE
0	pH	5.9	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Specific conductance	45	µS/cm	GE
0	Specific conductance	50	µS/cm	GE
0	Specific conductance	50	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	<20	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	7.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,950	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE

WELL AMB 4B collected on 09/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chlordane	<0.50	µg/L	GE
0	Chloride	4,500	µg/L	GE
0	Chloride	4,600	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
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	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'-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	<20	µg/L	GE
0	1,1-Dichloroethane	<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	1,1-Dichloroethylene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	5.1	µg/L	MA
0	trans-1,2-Dichloroethylene	5.3	µg/L	MA
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	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-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	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	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	<0.10	µg/L	GE
0	Ethylbenzene	<10	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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	16	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	538	µg/L	GE
0	Manganese	22	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	850	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 1016	<0.50	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 4B collected on 09/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	PCB 1232	<150	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1254	<1.0	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	PCB 1260	<1.0	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	10,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,630	µg/L	GE
0	Sulfate	2,080	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	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
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 dissolved solids	20,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	29	µg/L	GE
1	Total organic halogens	29	µg/L	GE
1	Total organic halogens	30	µg/L	GE
1	Total organic halogens	31	µg/L	GE
1	Total organic halogens	31	µg/L	GE
0	Total phosphates (as P)	<100	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	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8.0	µg/L	GE
2	Trichloroethylene	8.0	µg/L	MA
2	Trichloroethylene	8.7	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<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 activity	4.1E-07 ± 1.3E-06	µCi/mL	EM
0	Total radium	1.0E-09 ± 1.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 10:45
Inaccessibility or pump failure prevented sample collection.

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 6:15
Depth to water: 149.20 ft (45.48 m) below TOC pH: 5.2
Water elevation: 230.40 ft (70.23 m) msl Alkalinity: 4 mg/L
Sp. conductance: 45 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	40	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)	<1.0	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	<0.050	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

WELL AMB 5 collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	233	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	1.7	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	4,200	µg/L	GE
0	Chloride	4,400	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	2.1	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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-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 AMB 5 collected on 08/22/91, 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	Fluoride	418	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	53	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	410	µg/L	GE
0	Manganese	11	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	<1.0	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	1,330	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<50	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.10	µg/L	GE

WELL AMB 5 collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Selenium	<2.0	µg/L	GE
0	Silica	6,810	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,550	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	3,320	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	6.1	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	<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	118	µg/L	GE
2	Total organic halogens	80	µg/L	GE
2	Total organic halogens	88	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	1,2,4-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
2	Trichloroethylene	113	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	7.0	µg/L	GE
0	Gross alpha	2.5E-09 ± 1.4E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.1E-09 ± 3.2E-09	µCi/mL	GE

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 7:00
Depth to water: 145.28 ft (44.28 m) below TOC pH: 5.6
Water elevation: 231.92 ft (70.69 m) msl Alkalinity: 11 mg/L
Sp. conductance: 38 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	21	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.05	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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

ANALYTICAL RESULTS

WELL AMB 6 collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	157	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	3,200	µg/L	GE
0	Chloride	3,300	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)	<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	<0.10	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	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)	<1.0	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	<20	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)	3.9	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	346	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE

WELL AMB 6 collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Heptachlor epoxide	<0.050	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-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	14	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	53	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	<1.0	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	310	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	Selenium	<2.0	µg/L	GE
0	Silica	7,410	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,480	µg/L	GE
0	Styrene	<1.0	µg/L	GE

WELL AMB 6 collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	3,740	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total organic halogens	22	µg/L	GE
1	Total organic halogens	27	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	1,2,4-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
2	Trichloroethylene	5.6	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	8.1	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

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 138.22 ft (42.13 m) below TOC
Water elevation: 231.68 ft (70.62 m) msl
Sp. conductance: 130 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 8:00
pH: 6.5
Alkalinity: 90 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	pH	7.1	pH	GE
0	Specific conductance	180	µS/cm	GE
0	Specific conductance	185	µS/cm	GE
0	Specific conductance	190	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	25	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<10	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	<0.050	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	16	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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

WELL AMB 7 collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,230	µg/L	GE
1	Carbon disulfide	5.0	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	2,300	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)	<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	<0.10	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	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)	<1.0	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	<20	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	597	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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

ANALYTICAL RESULTS

WELL AMB 7 collected on 08/22/91, 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	30	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	459	µg/L	GE
0	Manganese	4.6	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	<1.0	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 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	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	3,490	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	Selenium	<2.0	µg/L	GE
0	Silica	7,770	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	25,200	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,030	µg/L	GE
0	Sulfate	2,060	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GI
0	Sulfotepp	<10	µg/L	GI
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 AMB 7 collected on 08/22/91, 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 organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total organic halogens	18	µg/L	GE
1	Total organic halogens	33	µg/L	GE
1	Total organic halogens	37	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	8.3	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	2.7	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	7.9	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	2.1E-09 ± 2.8E-09	µCi/mL	GE

WELL AMB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 15:45
Depth to water: 155.33 ft (47.35 m) below TOC pH: 7.0
Sp. conductance: 79 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 408 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	pH	7.2	pH	GE
0	pH	7.2	pH	GE
0	pH	7.3	pH	GE
0	pH	7.3	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Specific conductance	65	µS/cm	GE
0	Specific conductance	70	µS/cm	GE
0	Specific conductance	75	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	57	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	3.2	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,230	µg/L	GE
0	Carbon tetrachloride	1.2	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,260	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

WELL AMB 7A collected on 09/23/91, 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	Chloroform	<20	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	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'-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	<20	µg/L	GE
0	1,1-Dichloroethane	<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	<20	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<20	µg/L	MA
0	Dichloromethane (Methylene chloride)	1.3	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	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-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	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	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	<0.10	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
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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	20	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	236	µg/L	GE
0	Manganese	4.2	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	920	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	994	µg/L	GE
0	Pyrene	<10	µg/L	GE

WELL AMB 7A collected on 09/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	24,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,430	µg/L	GE
0	Sulfate	3,880	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	16	µg/L	GE
0	Tetrachloroethylene	<20	µg/L	MA
0	Thallium	<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	5.4	µg/L	GE
0	Total organic halogens	5.4	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)	200	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	1,1,1-Trichloroethane	<20	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	307	µg/L	GE
2	Trichloroethylene	509	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Zinc	5.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	4.6E-07 ± 1.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 15:00
Depth to water: 148.31 ft (45.21 m) below TOC pH: 5.3
Sp. conductance: 35 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 188 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	<20	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	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	682	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	3,880	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 7B collected on 09/23/91, 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	<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	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'-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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.8	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	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-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	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	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	<0.10	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
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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	14	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	120	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	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	190	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

WELL AMB 7B collected on 09/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	9,550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,910	µg/L	GE
0	Sulfate	2,550	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	MA
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	45,000	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	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	1,1,1-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	2,4,6-Trichlorophenol	<10	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 activity	1.5E-06 ± 1.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 Time: 12:00
Depth to water: 138.32 ft (42.16 m) below TOC pH: 5.7
Water elevation: 231.28 ft (70.50 m) msl Alkalinity: 16 mg/L
Sp. conductance: 60 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.9	pH	GE
0	pH	5.9	pH	GE
0	pH	5.9	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
U	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	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	3.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,130	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	3,350	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE

WELL AMB 8D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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 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	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)	<1.0	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	<20	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	5.6	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE

WELL AMB 8D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	256	µg/L	GE
0	Manganese	11	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	<1.0	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	310	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	1,840	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	Selenium	<2.0	µg/L	GE
0	Silica	7,520	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,790	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	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	<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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 8D collected on 08/21/91, 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	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	8.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.9E-09	µCi/mL	GE

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91
Depth to water: 136.62 ft (41.64 m) below TOC
Water elevation: 231.28 ft (70.50 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 32 gal
Time: 13:00
pH: 5.6
Alkalinity: 10 mg/L
Water temperature: 22.9°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	35	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)	<1.0	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	<0.050	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	337	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	3,160	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	19	µg/L	GE

WELL AMB 9D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.10	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	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)	<1.0	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	<20	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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
2	Iron	909	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	110	µg/L	GE
0	Manganese	5.5	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	<1.0	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 AMB 9D collected on 08/21/91, 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-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	150	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silica	7,220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,150	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,680	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	17	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	1,2,4-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	117	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL AMB 9D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	5.3E-09 ± 3.8E-09	µCi/mL	GE

WELL AMB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 8:30
Depth to water: 149.11 ft (45.45 m) below TOC pH: 8.2
Sp. conductance: 139 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 110 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.3	pH	GE
1	pH	8.3	pH	GE
1	pH	8.3	pH	GE
1	pH	8.5	pH	GE
1	pH	8.5	pH	GE
0	Specific conductance	140	µS/cm	GE
0	Specific conductance	140	µS/cm	GE
0	Specific conductance	145	µS/cm	GE
0	Specific conductance	150	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	36	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	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,840	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	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	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'-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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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

ANALYTICAL RESULTS

WELL AMB 10A collected on 09/24/91, 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	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	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	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	<0.10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	106	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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	11	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	477	µg/L	GE
0	Manganese	17	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	180	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 1016	<0.50	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1254	<1.0	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	PCB 1260	<1.0	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	4,080	µg/L	GE
0	Pyrene	<10	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	11,400	µg/L	GE
0	Sulfate	8,380	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	MA
0	Thallium	<2.0	µg/L	GE
0	Toluene	2.0	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)	160	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	1,1,1-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	2,4,6-Trichlorophenol	<10	µg/L	GE

WELL AMB 10A collected on 09/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	3.4E-09 ± 2.9E-09	µCi/mL	GE
0	Nonvolatile beta	6.2E-09 ± 2.4E-09	µCi/mL	GE
0	Total activity	2.0E-07 ± 1.4E-06	µCi/mL	EM
0	Total radium	1.8E-09 ± 1.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 13:50
Depth to water: 143.39 ft (43.71 m) below TOC pH: 7.8
Sp. conductance: 145 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 343 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Specific conductance	120	µS/cm	GE
0	Specific conductance	130	µS/cm	GE
0	Specific conductance	130	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	44	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	24	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	5,800	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	3.0	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	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'-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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL AMB 10B collected on 09/23/91, 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)	1.7	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	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-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	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	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	<0.10	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
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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	881	µg/L	GE
0	Manganese	11	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	180	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	3,420	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,470	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Thallium	<2.0	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	10	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total organic halogens	6.2	µg/L	GE
0	Total organic halogens	9.5	µg/L	GE
0	Total phosphates (as P)	100	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	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.1	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE

WELL AMB 10B collected on 09/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Zinc	28	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.3E-09	µCi/mL	GE
0	Total activity	3.9E-08 ± 1.4E-08	µCi/mL	EM
0	Total radium	1.1E-08 ± 1.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 — Time: 8:00
Depth to water: 132.48 ft (40.38 m) below TOC — pH: 6.0
Water elevation: 233.02 ft (71.03 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 61 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Specific conductance	55	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)	<1.0	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	<0.050	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	6.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,660	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	3,020	µg/L	GE
0	Chloride	3,120	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	<0.10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 10D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	<1.0	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	<20	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	23	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	133	µg/L	GE
0	Manganese	12	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	<1.0	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

WELL AMB 10D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	607	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	Selenium	<2.0	µg/L	GE
0	Silica	5,030	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,930	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	5,550	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	MS
0	Total organic halogens	7.0	µg/L	MS
0	Total organic halogens	8.0	µg/L	MS
0	Total organic halogens	<5.0	µg/L	MS
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	1,2,4-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	6.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.6E-09	µCi/mL	GE

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91
Depth to water: 132.48 ft (40.38 m) below TOC
Water elevation: 233.02 ft (71.03 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 36 gal

Time: 8:00
pH: 6.0
Alkalinity: 16 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	19	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	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	6.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,630	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	3,000	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL AMB 10D collected on 08/21/91, 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)	2.6	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	28	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	134	µg/L	GE
0	Manganese	12	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	<1.0	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	81	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 AMB 10D collected on 08/21/91, 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	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	623	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	Selenium	<2.0	µg/L	GE
0	Silica	5,040	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,940	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	5,560	µg/L	GE
0	Sulfate	5,320	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	<2.0	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	7.0	µg/L	MS
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	1,2,4-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	5.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.7E-09	µCi/mL	GE

WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91
Depth to water: 7.56 ft (2.30 m) below TOC
Water elevation: 357.84 ft (109.07 m) msl
Sp. conductance: 145 µS/cm
Water evacuated before sampling: 52 gal

Time: 9:20
pH: 6.6
Alkalinity: 85 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	pH	6.5	pH	GE
0	pH	6.6	pH	GE
0	Specific conductance	130	µS/cm	GE

WELL AMB 10DD collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	17	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	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	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,670	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	2,770	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	<0.10	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	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)	<1.0	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	<20	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

WELL AMB 10DD collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	< 0.0080	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	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.050	µg/L	GE
0	Heptachlor epoxide	< 0.050	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-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
2	Iron	6,060	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	456	µg/L	GE
2	Manganese	317	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	< 1.0	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 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	< 0.050	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	< 1.0	µg/L	GE
0	PCB 1260	< 1.0	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE

WELL AMB 10DD collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	< 0.10	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	Selenium	< 2.0	µg/L	GE
0	Silica	5,630	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	19,500	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 organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	13	µg/L	MS
0	Total organic halogens	14	µg/L	MS
0	Total organic halogens	7.0	µg/L	MS
0	Total organic halogens	9.0	µg/L	MS
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	1,2,4-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	4.2	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 3.6E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.5E-09	µCi/mL	GE

WELL AMB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 9:50
Depth to water: 141.47 ft (43.12 m) below TOC pH: 6.7
Sp. conductance: 141 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 132 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	pH	7.1	pH	GE
0	Specific conductance	130	µS/cm	GE
0	Specific conductance	130	µS/cm	GE
0	Specific conductance	135	µS/cm	GE
0	Specific conductance	140	µS/cm	GE
0	Specific conductance	150	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Aldrin	< 0.050	µg/L	GE
0	Aluminum	45	µg/L	GE
0	Anthracene	< 10	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 11B collected on 09/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	40	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<.10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	5,650	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	Chloroform	4.0	µg/L	GE
0	Chloroform	4.4	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	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'-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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	2,4-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	<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	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	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	<0.10	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	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE

WELL AMB 11B collected on 09/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	14	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	110	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	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	400	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 1016	<0.50	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1254	<1.0	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	PCB 1260	<1.0	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	2,100	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,820	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	29,000	µg/L	GE
0	Sulfate	12,900	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	MA
0	Thallium	<2.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	Total dissolved solids	176,000	µg/L	GE
0	Total dissolved solids	165,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	38	µg/L	GE
1	Total organic halogens	38	µg/L	GE
1	Total organic halogens	38	µg/L	GE
1	Total organic halogens	40	µg/L	GE
1	Total organic halogens	44	µg/L	GE
0	Total phosphates (as P)	180	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	1,1,1-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	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	2.9E-09 ± 2.5E-09	µCi/mL	GE
0	Nonvolatile beta	4.7E-09 ± 2.3E-09	µCi/mL	GE
0	Total activity	1.7E-07 ± 1.4E-08	µCi/mL	EM
2	Total radium	5.8E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 Time: 6.45
Depth to water: 130.89 ft (39.90 m) below TOC pH: 10.6
Water elevation: 233.11 ft (71.05 m) msl Alkalinity: 109 mg/L
Sp. conductance: 200 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	pH	7.6	pH	GE
1	pH	9.0	pH	GE
1	pH	9.7	pH	GE
0	Specific conductance	100	µS/cm	GE

WELL AMB 11D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Specific conductance	115	µS/cm	GE
0	Specific conductance	130	µS/cm	GE
0	Specific conductance	150	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)	<1.0	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	<0.050	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	33	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	23,400	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	2,840	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	<0.10	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	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)	<1.0	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	<20	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)	1.8	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

WELL AMB 11D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00085	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-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	Magnesium	45	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	<1.0	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	89	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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

ANALYTICAL RESULTS

WELL AMB 11D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	PCB 1254	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	1,880	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	Selenium	<2.0	µg/L	GE
0	Silica	8,570	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14,000	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	4,140	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.4	µg/L	MS
0	Total organic halogens	<5.0	µg/L	MS
0	Total organic halogens	5.3	µg/L	MS
0	Total organic halogens	5.9	µg/L	MS
0	Total organic halogens	6.4	µg/L	MS
0	Total organic halogens	6.8	µg/L	MS
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	1,2,4-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	<1.0E-09	µCi/mL	GE

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91
Depth to water: 137.52 ft (41.92 m) below TOC
Water elevation: 232.28 ft (70.80 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 45 gal

Time: 10:55
pH: 6.3
Alkalinity: 24 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	pH	6.4	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	40	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)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE

WELL AMB 12D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.050	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	3.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	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
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	<0.10	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	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)	<1.0	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	<20	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)	2.6	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

WELL AMB 12D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	8.8	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	255	µg/L	GE
0	Manganese	11	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	<1.0	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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

WELL AMB 12D collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	1,890	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	Selenium	<2.0	µg/L	GE
0	Silica	7,480	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,050	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	24	µg/L	GE
1	Total organic halogens	35	µg/L	GE
1	Total organic halogens	47	µg/L	GE
2	Total organic halogens	54	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	1,2,4-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	6.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.9E-09	µCi/mL	GE

WELL AMB 13AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 12:00
Depth to water: 147.85 ft (45.07 m) below TOC pH: 6.3
Sp. conductance: 78 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 390 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	pH	6.5	pH	GE
0	pH	6.5	pH	GE
0	pH	6.6	pH	GE
0	pH	6.6	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Specific conductance	65	µS/cm	GE
0	Specific conductance	70	µS/cm	GE
0	Specific conductance	71	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	81	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	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 13AR collected on 09/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,840	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,560	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	Chloroform	1.2	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	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'-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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2 Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-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	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	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	<0.10	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
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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	27	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	291	µg/L	GE

WELL AMB 13AR collected on 09/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Manganese	25	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	430	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	2,590	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	19,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,370	µg/L	GE
0	Sulfate	5,170	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	MA
0	Thallium	<2.0	µg/L	GE
0	Toluene	2.0	µg/L	GE
0	Total dissolved solids	67,000	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	5.6	µg/L	GE
0	Total organic halogens	5.6	µg/L	GE
0	Total organic halogens	5.8	µg/L	GE
0	Total organic halogens	7.2	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	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	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.4	µg/L	GE
0	Trichloroethylene	1.9	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Zinc	27	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.3E-09 ± 2.4E-09	µCi/mL	GE
0	Total activity	2.4E-07 ± 1.5E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91 Time: 14:40
Depth to water: 104.82 ft (31.95 m) below TOC pH: 4.7
Water elevation: 236.28 ft (72.02 m) msl Alkalinity: 1 mg/L
Sp. conductance: 41 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 47 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	22	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

WELL AOB 1 collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chlordane	<10	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chloroform	1.2	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	<20	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	68	µg/L	GE
2	Tetrachloroethylene	63	µg/L	MA
2	Total organic halogens	71	µg/L	GE
0	Total phosphates (as P)	<100	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	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	74	µg/L	GE
2	Trichloroethylene	69	µg/L	MA
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 2.9E-09	µCi/mL	GE

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91
Depth to water: 104.82 ft (31.95 m) below TOC
Water elevation: 238.28 ft (72.02 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 47 gal
Time: 14:40
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.1	µg/L	GE
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	77	µg/L	GE
2	Tetrachloroethylene	64	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA

WELL AOB 1 collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Trichloroethylene	77	µg/L	GE
2	Trichloroethylene	51	µg/L	MA

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91
Depth to water: 108.29 ft (33.01 m) below TOC
Water elevation: 237.11 ft (72.27 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 44 gal
Time: 15:15
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 22.2°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	34	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	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	<20	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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Total organic halogens	<5.0	µg/L	GE

ANALYTICAL RESULTS

WELL AOB 2 collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
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
0	Trichloroethylene	<5.0	µg/L	MA
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 3.1E-09	µCi/mL	GE

WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91
Depth to water: 114.81 ft (34.99 m) below TOC
Water elevation: 237.79 ft (72.48 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 14:15
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<300	µg/L	GE
0	Acenaphthylene	<300	µg/L	GE
0	Aldrin	<300	µg/L	GE
0	Anthracene	<300	µg/L	GE
0	alpha-Benzene hexachloride	<300	µg/L	GE
0	beta-Benzene hexachloride	<300	µg/L	GE
0	delta-Benzene hexachloride	<300	µg/L	GE
0	Benzidine	<300	µg/L	GE
0	Benzo[a]anthracene	<300	µg/L	GE
0	Benzo[a]pyrene	<300	µg/L	GE
0	Benzo[b]fluoranthene	<300	µg/L	GE
0	Benzo[g,h,i]perylene	<300	µg/L	GE
0	Benzo[k]fluoranthene	<300	µg/L	GE
0	Bis(2-chloroethoxy) methane	<300	µg/L	GE
0	Bis(2-chloroethyl) ether	<300	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<300	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<300	µg/L	GE
0	4-Bromophenyl phenyl ether	<300	µg/L	GE
0	Butylbenzyl phthalate	<300	µg/L	GE
0	Chlordane	<300	µg/L	GE
0	para-Chloro-meta-cresol	<300	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	2-Chloronaphthalene	<300	µg/L	GE
0	2-Chlorophenol	<300	µg/L	GE
0	4-Chlorophenyl phenyl ether	<300	µg/L	GE
0	Chrysene	<300	µg/L	GE
0	p,p'-DDC	<300	µg/L	GE
0	p,p'-DDE	<300	µg/L	GE
0	p,p'-DDT	<300	µg/L	GE
0	Di-n-butyl phthalate	<300	µg/L	GE
0	Di-n-octyl phthalate	<300	µg/L	GE
0	Dibenz[a,h]anthracene	<300	µg/L	GE
0	3,3'-Dichlorobenzidine	<600	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	<300	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Dieldrin	<300	µg/L	GE
0	Diethyl phthalate	<300	µg/L	GE
0	2,4-Dimethyl phenol	<300	µg/L	GE
0	Dimethyl phthalate	<300	µg/L	GE
0	2,4-Dinitrophenol	<1,350	µg/L	GE
0	2,4-Dinitrotoluene	<300	µg/L	GE
0	2,6-Dinitrotoluene	<300	µg/L	GE
0	1,2-Diphenylhydrazine	<300	µg/L	GE
0	Endosulfan I	<300	µg/L	GE
0	Endosulfan II	<300	µg/L	GE
0	Endosulfan sulfate	<300	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<300	µg/L	GE
0	Endrin aldehyde	<300	µg/L	GE
0	Fluoranthene	<300	µg/L	GE
0	Fluorene	<300	µg/L	GE
0	Heptachlor	<300	µg/L	GE
0	Heptachlor epoxide	<300	µg/L	GE
0	Hexachlorobenzene	<300	µg/L	GE
0	Hexachlorobutadiene	<300	µg/L	GE
0	Hexachlorocyclopentadiene	<300	µg/L	GE
0	Hexachloroethane	<300	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<300	µg/L	GE
0	Isophorone	<300	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<300	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<1,500	µg/L	GE
0	N-Nitrosodi-propylamine	<300	µg/L	GE
0	N-Nitrosodimethylamine	<300	µg/L	GE
0	N-Nitrosodiphenylamine	<300	µg/L	GE
0	Naphthalene	<300	µg/L	GE
0	Nitrobenzene	<300	µg/L	GE
0	2-Nitrophenol	<300	µg/L	GE
0	4-Nitrophenol	<300	µg/L	GE
0	PCB 1016	<4,500	µg/L	GE
0	PCB 1221	<4,500	µg/L	GE

WELL AOB 3 collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	PCB 1232	<4,500	µg/L	GE
0	PCB 1242	<4,500	µg/L	GE
0	PCB 1248	<4,500	µg/L	GE
0	PCB 1254	<4,500	µg/L	GE
0	PCB 1260	<4,500	µg/L	GE
0	Pentachlorophenol	<300	µg/L	GE
0	Phenanthrene	<300	µg/L	GE
0	Phenol	<300	µg/L	GE
0	Pyrene	<300	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Total organic halogens	<5.0	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<300	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<300	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA
0	2,4,6-Trichlorophenol	<300	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Total radium	5.6E-09 ± 3.6E-09	µCi/mL	GE

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 11 µS/cm
Water evacuated before sampling: 30 gal

Time: 13:15
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 24.8°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
0	Iron	<4.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	140	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	22	µg/L	MA
1	Total radium	3.2E-09 ± 3.4E-09	µCi/mL	GE

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: 124.86 ft (38.06 m) below TOC
Water elevation: 212.44 ft (64.75 m) msl
Sp. conductance: 11 µS/cm
Water evacuated before sampling: 60 gal

Time: 12:50
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 23.1°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	Iron	<4.0	µg/L	GE
0	Mercury	0.84	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Total radium	1.3E-09 ± 2.7E-09	µCi/mL	GE

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 32 gal

Time: 13:45
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 24.0°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	Iron	<4.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	MA

WELL ARP 4 collected on 07/27/91, 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)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Trichloroethylene	3.0	µg/L	MA
0	Total radium	<1.0E-09	µCi/mL	GE

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 50 gal
Time: 10:40
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.8°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	5.8	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 50 gal
Time: 9:50
pH: 5.3
Alkalinity: 8 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	772	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,400	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	20	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	232	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	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	4,060	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,900	µg/L	GE
0	Sulfate	13,200	µg/L	GE
1	Tetrachloroethylene	4.8	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	51	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.8	µg/L	GE
0	Zinc	15	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 ± 2.8E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 111.82 ft (34.08 m) below TOC
Water elevation: 237.18 ft (72.29 m) msl
Sp. conductance: 76 µS/cm
Water evacuated before sampling: 53 gal
Time: 11:15
pH: 5.8
Alkalinity: 5 mg/L
Water temperature: 19.8°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
1	Tetrachloroethylene	2.5	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91
Depth to water: 111.98 ft (34.13 m) below TOC
Water elevation: 237.02 ft (72.24 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 52 gal
Time: 10:20
pH: 6.0
Alkalinity: 20 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	60	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	2,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,500	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	39	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	569	µg/L	GE
0	Manganese	4.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	5.9	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	4,530	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,700	µg/L	GE
0	Sulfate	6,530	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	23	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Zinc	5.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.4E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	7.3E-07 ± 2.0E-07	µCi/mL	GE

WELL ASB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 127.22 ft (38.78 m) below TOC
Water elevation: 222.18 ft (67.72 m) msl
The well pumped dry before all field parameters were collected.
Time: 11:05

ANALYTICAL RESULTS

WELL ASB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 — Time: 10:20
Depth to water: 126.20 ft (38.47 m) below TOC — pH: 5.8
Water elevation: 223.20 ft (68.03 m) msl — Alkalinity: 11 mg/L
Sp. conductance: 61 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 133 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	60	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	2,550	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,500	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	Chloroform	<2.0	µg/L	MA
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	1,1-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
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	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	550	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	660	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	10,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,130	µg/L	GE
0	Sulfate	1,790	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	24	µg/L	GE
2	Tetrachloroethylene	28	µg/L	MA
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 carbon	<1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	50	µg/L	GE
2	Trichloroethylene	61	µg/L	MA
0	Trichlorofluoromethane	<1.0	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 activity	2.2E-05 ± 1.7E-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 ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 12:25
Depth to water: 106.80 ft (32.55 m) below TOC — pH: 5.6
Water elevation: 238.20 ft (72.60 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 52 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 53 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 — Time: 11:05
Depth to water: 107.00 ft (32.61 m) below TOC — pH: 5.8
Water elevation: 238.00 ft (72.54 m) msl — Alkalinity: 12 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,320	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	475	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	5.1	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	5,530	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,170	µg/L	GE
0	Sulfate	3,640	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	16	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Zinc	5.3	µg/L	GE
0	Gross alpha	2.0E-09 ± 1.3E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	8.7E-07 ± 2.0E-07	µCi/mL	GE

WELL ASB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 12:40
Depth to water: 124.34 ft (37.90 m) below TOC — pH: 6.2
Water elevation: 221.66 ft (67.56 m) msl — Alkalinity: 27 mg/L
Sp. conductance: 102 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 244 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	177	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	1,230	µg/L	MA

WELL ASB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 Time: 11:20
Depth to water: 124.10 ft (37.83 m) below TOC pH: 6.4
Water elevation: 221.80 ft (67.64 m) msl Alkalinity: 19 mg/L
Sp. conductance: 98 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	90	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	40	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	8,700	µg/L	GE
0	Chloride	8,700	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	648	µg/L	GE
0	Manganese	9.4	µg/L	GE
0	Mercury	0.32	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,150	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	8,280	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,740	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	205	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	690	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
2	Trichloroethylene	1,170	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	2.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.4E-09 ± 2.4E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	2.6E-05 ± 7.0E-07	µCi/mL	GE

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91 Time: 13:30
Inaccessibility or pump failure prevented sample collection.

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 Time: 9:50
Depth to water: 108.87 ft (33.18 m) below TOC pH: 5.3
Water elevation: 236.13 ft (71.97 m) msl Alkalinity: 3 mg/L
Sp. conductance: 47 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 52 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	16	µg/L	MA

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 Time: 9:20
Depth to water: 108.87 ft (33.43 m) below TOC pH: 5.6
Water elevation: 235.33 ft (71.73 m) msl Alkalinity: 7 mg/L
Sp. conductance: 47 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 48 gal

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	9.9	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	6,000	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	66	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	643	µg/L	GE
0	Manganese	5.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	450	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	5,380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,000	µg/L	GE
0	Sulfate	4,060	µg/L	GE
0	Tetrachloroethylene	<1.0	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)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	21	µg/L	GE
0	Zinc	5.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	8.0E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	2.6E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.2E-06 ± 3.0E-07	µCi/mL	GE

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 Time: 10:15
Depth to water: 114.85 ft (35.01 m) below TOC pH: 4.9
Water elevation: 235.35 ft (71.74 m) msl Alkalinity: 0 mg/L
Sp. conductance: 89 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 45 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
1	Tetrachloroethylene	2.6	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
1	Trichloroethylene	2.5	µg/L	MA

ANALYTICAL RESULTS

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91
Depth to water: 115.51 ft (35.21 m) below TOC
Water elevation: 234.69 ft (71.53 m) msl
Sp. conductance: 85 µS/cm
Water evacuated before sampling: 44 gal

Time: 8:15
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	855	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	7,500	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	183	µg/L	GE
0	Lead	3.3	µg/L	GE
0	Magnesium	426	µg/L	GE
1	Manganese	29	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	22	µg/L	GE
0	Nitrate as nitrogen	2,700	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	4,780	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,700	µg/L	GE
0	Sulfate	13,300	µg/L	GE
0	Tetrachloroethylene	2.3	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	5.9	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.1	µg/L	GE
0	Zinc	5.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.3E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 130.58 ft (39.80 m) below TOC
Water elevation: 223.02 ft (67.98 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 130 gal

Time: 9:00
pH: 5.2
Alkalinity: 5 mg/L
Water temperature: 20.0°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	73	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	Trichloroethylene	<10	µg/L	MA

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91
Depth to water: 131.43 ft (40.06 m) below TOC
Water elevation: 222.17 ft (67.72 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 128 gal

Time: 7:05
pH: 5.7
Alkalinity: 9 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	40	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	2,410	µg/L	GE

WELL ASB 6C collected on 08/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	5.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	633	µg/L	GE
1	Manganese	33	µg/L	GE
0	Mercury	<0.20	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	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,620	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,240	µg/L	GE
0	Sulfate	1,220	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	57	µg/L	GE
0	Toluene	1.2	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
2	Total organic halogens	52	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
2	Trichloroethylene	9.5	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	8.0	µg/L	GE
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	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 140.70 ft (42.89 m) below TOC
Water elevation: 212.20 ft (64.68 m) msl
Sp. conductance: 767 µS/cm
Water evacuated before sampling: 37 gal
The well went dry during purging.

Time: 13:15
pH: 11.4
Alkalinity: 164 mg/L
Water temperature: 21.0°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	66	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	1,120	µg/L	MA

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91
Depth to water: 140.27 ft (42.75 m) below TOC
Water elevation: 212.63 ft (64.81 m) msl
Sp. conductance: 716 µS/cm
Water evacuated before sampling: 37 gal
The well went dry during purging.

Time: 15:15
pH: 11.4
Alkalinity: 148 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	650	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	59	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE

WELL ASB 6TA collected on 06/12/91, 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	50,700	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	2.1	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
2	Chromium	136	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	1,2-Dichloropropane	< 1.0	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	3.5	µg/L	GE
0	Magnesium	24	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	1,070	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	12,700	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	17,300	µg/L	GE
0	Sulfate	14,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
1	Tetrachloroethylene	4.5	µg/L	GE
0	Toluene	18	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	11,200	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
2	Trichloroethylene	9.5	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Zinc	6.1	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 2.9E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 8:45
Depth to water: 119.44 ft (36.41 m) below TOC — pH: 4.7
Water elevation: 233.96 ft (71.31 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 87 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 59 gal

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 8:45
Depth to water: 119.44 ft (36.41 m) below TOC — pH: 4.7
Water elevation: 233.96 ft (71.31 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 87 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 59 gal

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 — Time: 8:30
Depth to water: 120.30 ft (36.67 m) below TOC — pH: 5.1
Water elevation: 233.10 ft (71.05 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 101 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	90	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	1,040	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	8,700	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	73	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	6.4	µg/L	GE
1	Lead	15	µg/L	GE
0	Magnesium	451	µg/L	GE
1	Manganese	32	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	3,500	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	5,240	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	15,700	µg/L	GE
0	Sulfate	11,800	µg/L	GE
1	Tetrachloroethylene	2.5	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	MA
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	20	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
1	Trichloroethylene	4.9	µg/L	GE
2	Trichloroethylene	6.3	µg/L	MA
0	Zinc	5.9	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.0E-09	µCi/mL	GE
2	Total radium	1.2E-08 ± 6.3E-09	µCi/mL	GE
0	Tritium	5.9E-08 ± 4.0E-07	µCi/mL	GE

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 — Time: 8:30
Depth to water: 120.30 ft (36.67 m) below TOC — pH: 5.1
Water elevation: 233.10 ft (71.05 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 101 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 56 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	6.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	938	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	8,450	µg/L	GE
0	Chloroform	< 1.0	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	85	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	12	µg/L	GE
1	Lead	10	µg/L	GE
0	Magnesium	428	µg/L	GE
1	Manganese	30	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	3,450	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	5,040	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 7 collected on 08/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	13,400	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
0	Tetrachloroethylene	2.4	µg/L	GE
0	Tetrachloroethylene	1.8	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.7	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	6.1	µg/L	GE
2	Trichloroethylene	5.0	µg/L	GE
1	Trichloroethylene	4.8	µg/L	MA
0	Zinc	8.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	5.1E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	5.9E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	5.6E-06 ± 4.0E-07	µCi/mL	GE

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 15:10
Depth to water: 115.87 ft (35.32 m) below TOC — pH: 4.2
Water elevation: 233.13 ft (71.06 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
0	Chloroform	<5.0	µg/L	MA
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	Tetrachloroethylene	<5.0	µg/L	MA
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	54	µg/L	MA
2	Trichloroethylene	55	µg/L	MA

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 — Time: 14:50
Depth to water: 117.55 ft (35.83 m) below TOC — pH: 4.5
Water elevation: 231.45 ft (70.55 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
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	325	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,760	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	48	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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
2	Lead	554	µg/L	GE

WELL ASB 8 collected on 08/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	281	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	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	6,840	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,560	µg/L	GE
0	Sulfate	2,500	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	<1,000	µg/L	GE
2	Total organic halogens	2,160	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
2	Trichloroethylene	56	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	6.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.5E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	9.6E-07 ± 2.0E-07	µCi/mL	GE

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 15:00
Depth to water: 131.44 ft (40.06 m) below TOC — pH: 5.0
Water elevation: 217.86 ft (66.40 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 367 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 — Time: 14:25
Depth to water: 132.50 ft (40.39 m) below TOC — pH: 5.2
Water elevation: 216.80 ft (66.08 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 24.3°C
Water evacuated before sampling: 364 gal

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	5.8	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	1,030	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	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)	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE

WELL ASB 8A collected on 08/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	313	µg/L	GE
0	Manganese	5.7	µg/L	GE
0	Mercury	<0.20	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	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,680	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,840	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 organic carbon	<1,000	µg/L	GE
2	Total organic halogens	148	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	Zinc	13	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.0E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 135.55 ft (41.32 m) below TOC
Water elevation: 214.05 ft (65.24 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 511 gal
Time: 14:50
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 19.5°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91
Depth to water: 136.21 ft (41.52 m) below TOC
Water elevation: 213.39 ft (65.04 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 508 gal
Time: 14:35
pH: 5.0
Alkalinity: 3 mg/L
Water temperature: 23.8°C

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	7.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	848	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,870	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	5.1	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	59	µg/L	GE
0	Lead	7.2	µg/L	GE
0	Magnesium	365	µg/L	GE
0	Manganese	5.5	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,360	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	Tetrachloroethylene	<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 phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL ASB 8TA collected on 08/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	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	2.2E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 67.22 ft (20.49 m) below TOC
Water elevation: 241.78 ft (73.70 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 66 gal
Time: 14:25
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 19.9°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: 68.46 ft (20.87 m) below TOC
Water elevation: 240.54 ft (73.32 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 64 gal
Time: 10:20
pH: 5.1
Alkalinity: 3 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	40	µS/cm	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	1,040	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	Copper	27	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	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	7.2	µg/L	GE
0	Magnesium	637	µg/L	GE
0	Manganese	20	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,820	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,570	µg/L	GE
0	Sulfate	7,810	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 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	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 9 collected on 08/13/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	3.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.0E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	7.4E-07 ± 2.0E-07	µCi/mL	GE

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 90.35 ft (27.54 m) below TOC
Water elevation: 218.65 ft (68.65 m) msl
Sp. conductance: 95 µS/cm
Water evacuated before sampling: 351 gal
Time: 15:00
pH: 6.7
Alkalinity: 31 mg/L
Water temperature: 18.0°C

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
2	Tetrachloroethylene	44	µg/L	MA
2	Tetrachloroethylene	46	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	52	µg/L	MA
2	Trichloroethylene	53	µg/L	MA

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: 90.58 ft (27.61 m) below TOC
Water elevation: 218.42 ft (66.58 m) msl
Sp. conductance: 91 µS/cm
Water evacuated before sampling: 273 gal
Time: 10:00
pH: 6.6
Alkalinity: 44 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.2	pH	GE
0	Specific conductance	90	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	34	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	3,800	µg/L	GE
0	Chloroform	1.7	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<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	448	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	870	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	765	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,970	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,720	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	31	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	57	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	39	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
1	Total radium	2.6E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 90.87 ft (27.70 m) below TOC
Water elevation: 219.03 ft (66.76 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 107 gal
Time: 14:50
pH: 5.8
Alkalinity: 13 mg/L
Water temperature: 19.0°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	54	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	43	µg/L	MA

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: 92.16 ft (28.09 m) below TOC
Water elevation: 217.74 ft (66.37 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 104 gal
Time: 9:15
pH: 6.1
Alkalinity: 20 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	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	4,040	µg/L	GE
0	Chloroform	1.4	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<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	434	µg/L	GE
0	Manganese	7.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	930	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	8,590	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,740	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	47	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	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	37	µg/L	GE
0	Zinc	5.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.3E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL ASB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 126.75 ft (38.63 m) below TOC
Water elevation: 222.15 ft (67.71 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 132 gal
Time: 11:45
pH: 5.8
Alkalinity: 13 mg/L
Water temperature: 20.1°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	158	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	558	µg/L	MA

WELL ASB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91 — Time: 12:10
Depth to water: 126.93 ft (38.69 m) below TOC — pH: 5.9
Water elevation: 221.97 ft (67.66 m) msl — Alkalinity: 17 mg/L
Sp. conductance: 70 µS/cm — Water temperature: 22.8°C
Water evacuated before sampling: 132 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	60	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	6,840	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,600	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	619	µg/L	GE
1	Manganese	35	µg/L	GE
0	Mercury	0.49	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	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,570	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	150	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	3,380	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
2	Trichloroethylene	530	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	21	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 ± 2.8E-09	µCi/mL	GE
2	Tritium	2.0E-05 ± 6.0E-07	µCi/mL	GE

WELL BG 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 — Time: 14:30
Depth to water: 80.00 ft (18.29 m) below TOC — pH: 7.6
Water elevation: 229.80 ft (70.04 m) msl
Sp. conductance: 63 µS/cm — Water temperature: 23.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	324	µg/L	GE
0	Mercury	0.63	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,250	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Gross alpha	2.1E-09 ± 1.3E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-08 ± 2.1E-09	µCi/mL	GE
2	Total radium	1.3E-08 ± 5.8E-09	µCi/mL	GE
2	Tritium	3.8E-04 ± 2.8E-06	µCi/mL	GE

WELL BG 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 — Time: 15:10
Depth to water: 49.00 ft (14.94 m) below TOC — pH: 5.7
Water elevation: 228.20 ft (69.56 m) msl
Sp. conductance: 61 µS/cm — Water temperature: 26.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	723	µg/L	GE
0	Mercury	0.32	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	300	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Gross alpha	7.1E-09 ± 2.2E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 3.1E-09	µCi/mL	GE
2	Total radium	1.3E-08 ± 6.2E-09	µCi/mL	GE
2	Tritium	5.3E-05 ± 1.0E-06	µCi/mL	GE

WELL BG 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 — Time: 14:50
Depth to water: 49.70 ft (15.15 m) below TOC — pH: 5.2
Water elevation: 227.20 ft (69.25 m) msl
Sp. conductance: 36 µS/cm — Water temperature: 25.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	7,670	µg/L	GE
0	Mercury	0.49	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.7E-03 ± 1.1E-04	µCi/mL	EM
2	Total radium	8.2E-09 ± 5.2E-09	µCi/mL	GE
2	Total radium	7.4E-09 ± 5.0E-09	µCi/mL	GE
2	Tritium	6.7E-03 ± 1.2E-05	µCi/mL	GE

WELL BG 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 — Time: 13:30
Depth to water: 52.00 ft (15.85 m) below TOC — pH: 8.0
Water elevation: 230.70 ft (70.32 m) msl
Sp. conductance: 64 µS/cm — Water temperature: 26.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	658	µg/L	GE
0	Mercury	0.36	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,900	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Gross alpha	1.2E-08 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	9.9E-09 ± 3.1E-09	µCi/mL	GE
2	Total radium	1.8E-08 ± 6.1E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL BG 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 — Time: 13:50
Depth to water: 43.50 ft (13.26 m) below TOC — pH: 7.6
Water elevation: 232.00 ft (70.71 m) msl
Sp. conductance: 33 µS/cm — Water temperature: 23.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	778	µg/L	GE
0	Mercury	0.56	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,510	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Gross alpha	1.0E-08 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	9.6E-09 ± 3.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL BG 60 collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Total radium	1.7E-08 ± 5.8E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE
1	Tritium	1.6E-05 ± 6.0E-07	µCi/mL	GE

WELL BG 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 Time: 14:10
Depth to water: 40.80 ft (12.44 m) below TOC pH: 8.1
Water elevation: 234.20 ft (71.39 m) msl
Sp. conductance: 51 µS/cm Water temperature: 24.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Iron	191	µg/L	GE
0	Mercury	0.56	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,140	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Gross alpha	5.5E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	6.7E-09 ± 2.7E-09	µCi/mL	GE
2	Total radium	1.1E-08 ± 4.9E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 5.0E-07	µCi/mL	GE

WELL BG 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 15:00
Depth to water: 58.50 ft (17.83 m) below TOC pH: 8.1
Water elevation: 236.20 ft (71.99 m) msl
Sp. conductance: 41 µS/cm Water temperature: 22.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	350	µg/L	GE
1	Mercury	1.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	5,900	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Gross alpha	7.3E-09 ± 2.3E-09	µCi/mL	GE
0	Nonvolatile beta	9.1E-09 ± 2.8E-09	µCi/mL	GE
2	Total radium	1.6E-08 ± 6.1E-09	µCi/mL	GE
2	Tritium	5.6E-04 ± 3.3E-06	µCi/mL	GE

WELL BG 91

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 Time: 9:25
Depth to water: 53.56 ft (16.33 m) below TOC pH: 5.4
Water elevation: 219.84 ft (67.01 m) msl Alkalinity: 0 mg/L
Sp. conductance: 58 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.0	mg/L	GE
0	Aluminum	23	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	2,560	µg/L	GE
0	Chloride	3,140	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	107	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	203	µg/L	GE
1	Iron	160	µg/L	GE
2	Lead	31	µg/L	GE
0	Magnesium	849	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	21	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	1,290	µg/L	GE
0	Silica	7,110	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,540	µg/L	GE

WELL BG 91 collected on 08/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	12,100	µg/L	GE
2	Total carbon	12,000	µg/L	GE
0	Total dissolved solids	48,000	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)	240	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	19	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-09 ± 2.2E-09	µCi/mL	GE
2	Tritium	4.1E-04 ± 2.9E-06	µCi/mL	GE

WELL BG 92

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 Time: 10:40
Depth to water: 43.97 ft (13.40 m) below TOC pH: 6.5
Water elevation: 211.23 ft (64.38 m) msl Alkalinity: 46 mg/L
Sp. conductance: 122 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 17 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	75	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	36	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	103	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,090	µg/L	GE
0	Chloride	1,790	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	17	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	4.6	µg/L	GE
0	Magnesium	334	µg/L	GE
0	Manganese	4.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.7	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	8,230	µg/L	GE
0	Silica	4,530	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,930	µg/L	GE
0	Sulfate	1,110	µg/L	GE
2	Total carbon	10,000	µg/L	GE
0	Total dissolved solids	80,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	289	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.5E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	5.2E-06 ± 3.0E-07	µCi/mL	GE

WELL BG 93

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91 Time: 11:50
Depth to water: 56.67 ft (17.27 m) below TOC pH: 5.8
Water elevation: 201.83 ft (61.52 m) msl Alkalinity: 6 mg/L
Sp. conductance: 54 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	45	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	7.2	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	209	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	32	µg/L	GE

WELL BG 93 collected on 08/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	67	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	170	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	4,110	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,600	µg/L	GE
0	Sulfate	13,100	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	55,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	39	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	7.9E-06 ± 4.0E-07	µCi/mL	GE

WELL BG 93

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91
Depth to water: 56.67 ft (17.27 m) below TOC
Water elevation: 201.83 ft (61.52 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 56 gal
Time: 11:50
pH: 5.8
Alkalinity: 6 mg/L
Water temperature: 9.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	9.0	mg/L	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	7.2	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	209	µg/L	GE
0	Chloride	1,860	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	33	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	67	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	140	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	4,090	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,600	µg/L	GE
0	Sulfate	12,100	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	25,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	42	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	6.7E-06 ± 4.0E-07	µCi/mL	GE

WELL BG 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91
Depth to water: 58.70 ft (17.89 m) below TOC
Water elevation: 182.10 ft (58.55 m) msl
Sp. conductance: 102 µS/cm
Water evacuated before sampling: 103 gal
Time: 11:25
pH: 5.5
Alkalinity: 7 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	80	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	25	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,500	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	10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	35	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	578	µg/L	GE
2	Manganese	65	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	6.1	µg/L	GE
0	Nitrate as nitrogen	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	7,480	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,200	µg/L	GE
0	Sulfate	27,400	µg/L	GE
1	Total carbon	9,000	µg/L	GE
0	Total dissolved solids	66,000	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)	280	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	998	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	5.9E-06 ± 4.0E-07	µCi/mL	GE

WELL BG 95

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91
Depth to water: 28.73 ft (8.76 m) below TOC
Water elevation: 193.77 ft (59.06 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 108 gal
Time: 10:45
pH: 5.2
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	40	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	2,280	µg/L	GE
0	Chloride	3,240	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	40	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	427	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	640	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	7,330	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,520	µg/L	GE
0	Sulfate	9,670	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	83,000	µg/L	GE

WELL BG 95 collected on 08/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	774	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	7.3E-06 ± 4.0E-07	µCi/mL	GE

WELL BG 96

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91 Time: 10:20
Depth to water: 46.08 ft (14.04 m) below TOC pH: 5.5
Water elevation: 199.14 ft (60.70 m) msl Alkalinity: 4 mg/L
Sp. conductance: 32 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	25	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	7.5	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,800	µg/L	GE
0	Chloride	2,590	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	9.9	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	5.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	348	µg/L	GE
0	Manganese	2.3	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	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,490	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,740	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	6,000	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)	220	µg/L	GE
0	Uranium	<1,000	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	<2.0E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL BG 101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91 Time: 14:30
Depth to water: 35.04 ft (10.68 m) below TOC pH: 5.2
Water elevation: 198.36 ft (59.85 m) msl Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 92 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	4.9	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	908	µg/L	GE
0	Chloride	2,220	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	58	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

WELL BG 101 collected on 08/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	313	µg/L	GE
0	Manganese	9.8	µg/L	GE
0	Mercury	0.27	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	610	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	6,560	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,490	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
0	Total inorganic carbon	3,000	µg/L	GE
0	Total inorganic carbon	3,000	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	114	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-04 ± 3.9E-06	µCi/mL	EM
2	Tritium	2.3E-04 ± 2.1E-06	µCi/mL	GE

WELL BG 103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91 Time: 9:40
Depth to water: 37.94 ft (11.56 m) below TOC pH: 5.0
Water elevation: 201.56 ft (61.44 m) msl Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 84 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	22	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Chloride	2,390	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	13	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	4.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	390	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	Nitrate as nitrogen	680	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	7,790	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	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	58,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	137	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 ± 2.3E-09	µCi/mL	GE
2	Tritium	6.8E-05 ± 1.2E-06	µCi/mL	GE

WELL BG 104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91 Time: 14:50
Inaccessibility or pump failure prevented sample collection.

WELL BG 107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91
Depth to water: 10.09 ft (3.08 m) below TOC
Water elevation: 238.21 ft (72.61 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 78 gal
Time: 13:35
pH: 5.4
Alkalinity: 13 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	30	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	12	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	890	µg/L	GE
0	Chloride	2,730	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	Fluoride	<100	µg/L	GE
0	Iodine	297	µg/L	GE
2	Iron	1,210	µg/L	GE
2	Lead	30	µg/L	GE
0	Magnesium	516	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	630	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	6,780	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,460	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Total carbon	13,000	µg/L	GE
0	Total dissolved solids	29,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
1	Zinc	3,250	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Tritium	2.1E-05 ± 7.0E-07	µCi/mL	GE

WELL BG 108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91
Depth to water: 27.42 ft (8.36 m) below TOC
Water elevation: 239.88 ft (73.12 m) msl
Inaccessibility or pump failure prevented sample collection.
Time: 13:05

WELL BG 109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91
Depth to water: 45.27 ft (13.80 m) below TOC
Water elevation: 241.13 ft (73.50 m) msl
Inaccessibility or pump failure prevented sample collection.
Time: 12:45

WELL BG 110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: 52.22 ft (15.92 m) below TOC
Water elevation: 242.08 ft (73.79 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 38 gal
The well went dry during purging.
Time: 11:35
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.0	mg/L	GE
2	Aluminum	211	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	126	µg/L	GE
0	Beryllium	<5.0	µg/L	GE

WELL BG 110 collected on 08/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,440	µg/L	GE
0	Chloride	5,200	µg/L	GE
0	Chloride	5,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	121	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
2	Iron	303	µg/L	GE
2	Lead	59	µg/L	GE
0	Magnesium	3,270	µg/L	GE
2	Manganese	86	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	11	µg/L	GE
1	Nitrate as nitrogen	5,350	µg/L	GE
1	Nitrate as nitrogen	5,500	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	992	µg/L	GE
0	Silica	5,390	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,630	µg/L	GE
0	Sulfate	1,090	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	50,000	µg/L	GE
1	Total inorganic carbon	8,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	156	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.7E-09 ± 2.1E-09	µCi/mL	GE
2	Tritium	3.1E-05 ± 8.0E-07	µCi/mL	GE

WELL BG 121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 68.63 ft (20.92 m) below TOC
Water elevation: 209.27 ft (63.79 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 14 gal
Time: 12:45
pH: 6.0
Alkalinity: 4 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	30	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	<3.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,740	µg/L	GE
0	Chloride	3,880	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	168	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	633	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	620	µg/L	GE
0	Nitrate as nitrogen	620	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	Silica	6,400	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 carbon	3,000	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total inorganic carbon	2,000	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)	640	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	1,820	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	8.3E-06 ± 4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL BG 122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91 — Time: 12:25
Depth to water: 35.15 ft (10.71 m) below TOC — pH: 5.7
Water elevation: 212.75 ft (64.85 m) msl — Alkalinity: 12 mg/L
Sp. conductance: 65 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	20	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	445	µg/L	GE
0	Chloride	2,810	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	28	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	5.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	143	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	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	6,120	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,600	µg/L	GE
0	Sulfate	8,020	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	58,000	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)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	129	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Tritium	7.8E-05 ± 1.2E-06	µCi/mL	GE

WELL BG 125

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 — Time: 10:30
The well was dry.

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91 — Time: 11:50
Depth to water: 56.24 ft (17.14 m) below TOC — pH: 5.5
Water elevation: 238.86 ft (72.81 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 — Time: 8:25
Depth to water: 56.21 ft (17.13 m) below TOC — pH: 5.1
Water elevation: 238.89 ft (72.81 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 40 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	6.1	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	49	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE

WELL BGO 1D collected on 07/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	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	218	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	Chloride	1,620	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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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)	3.1	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Iron	<4.0	µg/L	GE
1	Lead	8.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	178	µg/L	GE
1	Manganese	38	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	3,100	µg/L	GE
0	Nitrate as nitrogen	3,100	µg/L	GE
0	Nitrate as nitrogen	3,100	µg/L	GE
0	Nitrate as nitrogen	3,100	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,820	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,970	µg/L	GE
0	Sulfate	<1,000	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	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
2	Total organic halogens	50	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	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	<2.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.0E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 9:10
Depth to water: 59.03 ft (17.99 m) below TOC pH: 4.5
Water elevation: 237.67 ft (72.50 m) msl Alkalinity: 0 mg/L
Sp. conductance: 44 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 50 gal

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 9:00
Depth to water: 59.09 ft (18.01 m) below TOC pH: 4.3
Water elevation: 237.61 ft (72.48 m) msl Alkalinity: 0 mg/L
Sp. conductance: 43 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	0.88	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	84	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	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Chloride	3,080	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	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)	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
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	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Iron	4.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	990	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	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,300	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	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	2,150	µg/L	GE
0	Sulfate	1,700	µg/L	GE
0	Sulfate	1,550	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
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
1	Total organic halogens	37	µg/L	GE

WELL BGO 2D collected on 07/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Xylenes	<1.0	µg/L	GE
0	Gross alpha	4.7E-09 ± 1.9E-09	µCi/mL	GE
0	Gross alpha	4.7E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 4.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 4.0E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 2.9E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL BGO 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 8:30
Inaccessibility or pump failure prevented sample collection.

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 8:35
Inaccessibility or pump failure prevented sample collection.

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 8:40
Inaccessibility or pump failure prevented sample collection.

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 8:45
Inaccessibility or pump failure prevented sample collection.

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91 Time: 12:35
Depth to water: 126.25 ft (38.48 m) below TOC pH: 7.2
Water elevation: 159.35 ft (48.57 m) msl Alkalinity: 137 mg/L
Sp. conductance: 306 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 136 gal

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 10:00
Depth to water: 126.00 ft (38.41 m) below TOC pH: 7.2
Water elevation: 159.60 ft (48.65 m) msl Alkalinity: 126 mg/L
Sp. conductance: 305 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 137 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
1	Specific conductance	300	µS/cm	GE
0	Turbidity	0.59	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	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

ANALYTICAL RESULTS

WELL BGO 6A collected on 07/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	56,300	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	Chloride	3,200	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)	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	1,430	µg/L	GE
0	Manganese	4.7	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	<50	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	855	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	41,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,280	µg/L	GE
0	Sulfate	8,980	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	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	<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	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: 07/02/91 — Time: 12:45
Depth to water: 64.81 ft (19.75 m) below TOC — pH: 7.1
Water elevation: 220.79 ft (67.30 m) msl — Alkalinity: 59 mg/L
Sp. conductance: 141 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 172 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	9.1E-04 ± 2.4E-05	µCi/mL	EM

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 10:15
Depth to water: 64.99 ft (19.81 m) below TOC — pH: 7.3
Water elevation: 220.61 ft (67.24 m) msl — Alkalinity: 56 mg/L
Sp. conductance: 142 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 172 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	135	µS/cm	GE
0	Turbidity	0.30	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	3.1	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	24,000	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	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	<4.0	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	Ethylbenzene	<1.0	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	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	502	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	930	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	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	2,200	µg/L	GE
0	Sulfate	<1,000	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	89,000	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	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	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	<2.0E-09	µCi/mL	GE
0	Total activity	8.6E-04 ± 2.4E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	7.1E-04 ± 3.7E-06	µCi/mL	GE

WELL BGO 6C collected on 07/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tritium	7.1E-04 ± 3.7E-06	µCi/mL	GE

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 54.36 ft (16.57 m) below TOC
Water elevation: 231.14 ft (70.45 m) msl
Sp. conductance: 103 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.
Time: 12:40
pH: 6.2
Alkalinity: 28 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	5.6E-04 ± 5.5E-06	µCi/mL	EM

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: 54.39 ft (16.58 m) below TOC
Water elevation: 231.11 ft (70.44 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 8:55
pH: 6.0
Alkalinity: 25 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Turbidity	9.8	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	15,500	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	Chloride	1,970	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	1.7	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	871	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	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	550	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	555	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,180	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,190	µg/L	GE
0	Sulfate	1,690	µg/L	GE

WELL BGO 6D collected on 07/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	1,740	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	Tetrachloroethylene	1.4	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	63,000	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	2.0	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	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	6.7E-04 ± 2.2E-05	µCi/mL	EM
0	Total radium	1.1E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.2E-03 ± 4.7E-06	µCi/mL	GE

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 55.47 ft (16.91 m) below TOC
Water elevation: 226.93 ft (69.17 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 30 gal
Time: 14:50
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 23.4°C

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91
Depth to water: 55.51 ft (16.92 m) below TOC
Water elevation: 226.89 ft (69.16 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 30 gal
Time: 10:45
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	0.45	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	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	Calcium	912	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	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	5.0	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	2.0	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)	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE

WELL BGO 7D collected on 07/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	533	µg/L	GE
0	Manganese	11	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	1,170	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,040	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	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	3.0	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
2	Total organic halogens	102	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	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	170	µg/L	GE
0	Trichlorofluoromethane	3.0	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	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	6.8E-04 ± 3.6E-06	µCi/mL	GE
2	Tritium	6.8E-04 ± 3.6E-06	µCi/mL	GE

WELL BGO 8AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91
Depth to water: 127.52 ft (38.87 m) below TOC
Water elevation: 159.08 ft (48.49 m) msl
Sp. conductance: 232 µS/cm
Water evacuated before sampling: 171 gal
Time: 9:50
pH: 7.7
Alkalinity: 102 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	-2.1E-06 ± 1.1E-05	µCi/mL	EM

WELL BGO 8AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91
Depth to water: 127.42 ft (38.84 m) below TOC
Water elevation: 159.18 ft (48.52 m) msl
Sp. conductance: 239 µS/cm
Water evacuated before sampling: 171 gal
Time: 11:50
pH: 7.5
Alkalinity: 96 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
0	Specific conductance	240	µS/cm	GE
0	Turbidity	1.0	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	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	42,800	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	Chloride	3,000	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

WELL BGO 8AR collected on 07/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	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	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	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	1,230	µg/L	GE
2	Manganese	68	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	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	1,480	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	32,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,330	µg/L	GE
0	Sulfate	7,810	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	4.0	µg/L	GE
0	Total dissolved solids	171,000	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	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	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	<2.0E-09	µCi/mL	GE
0	Total activity	-6.2E-06 ± 1.1E-05	µCi/mL	EM
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 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 64.04 ft (19.52 m) below TOC
Water elevation: 219.26 ft (66.83 m) msl
Sp. conductance: 119 µS/cm
Water evacuated before sampling: 130 gal
Time: 15:50
pH: 7.1
Alkalinity: 43 mg/L
Water temperature: 21.5°C

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 11:25
Depth to water: 64.33 ft (19.61 m) below TOC — pH: 6.7
Water elevation: 218.97 ft (66.74 m) msl — Alkalinity: 33 mg/L
Sp. conductance: 106 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 129 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Turbidity	2	NTU	GE
0	Acetophenone	< 10	µg/L	GE
0	Aluminum	< 20	µg/L	GE
1	Antimony	3.4	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	15,700	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	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	< 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	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	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	Iron	4.3	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	498	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	740	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	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	Phenols	< 5.0	µg/L	GE
0	Potassium	2,250	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	3,480	µg/L	GE
0	Sulfate	1,410	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	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	63,000	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)	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	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	2.1E-09 ± 2.5E-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
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91 — Time: 15:25
Depth to water: 56.10 ft (17.10 m) below TOC — pH: 4.9
Water elevation: 227.10 ft (69.22 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 32 gal

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 12:05
Depth to water: 56.19 ft (17.13 m) below TOC — pH: 4.7
Water elevation: 227.01 ft (69.19 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	55	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	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	922	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	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	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	Ethylbenzene	< 1.0	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	1,2,3,4,7,8-HXCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	Iron	7.6	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	484	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	1,550	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	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	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,980	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,390	µg/L	GE
0	Sulfate	1,120	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	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 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

WELL BGO 8D collected on 07/10/91, 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	2.0	µg/L	GE
0	Trichlorofluoromethane	2.0	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	3.0E-09 ± 2.8E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 3.0E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91 Time: 17:00
Depth to water: 53.07 ft (16.18 m) below TOC pH: 4.8
Water elevation: 232.03 ft (70.72 m) msl Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm Water temperature: 23.3°C
Water evacuated before sampling: 60 gal

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 13:15
Depth to water: 53.11 ft (16.19 m) below TOC pH: 4.5
Water elevation: 231.99 ft (70.71 m) msl Alkalinity: 0 mg/L
Sp. conductance: 32 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	0.64	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	9.5	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	1,210	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	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	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	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	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	1,2,3,4,7,8-HXCDD	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	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	524	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	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,730	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	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 BGO 9D collected on 07/10/91, 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	7,690	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,280	µg/L	GE
0	Sulfate	< 1,000	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	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	< 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)	< 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	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	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
1	Tritium	1.8E-05 ± 6.0E-07	µCi/mL	GE
1	Tritium	1.8E-05 ± 6.0E-07	µCi/mL	GE

WELL BGO 10AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 10:05
Inaccessibility or pump failure prevented sample collection.

WELL BGO 10AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/08/91 Time: 10:40
Depth to water: 141.42 ft (43.11 m) below TOC pH: 7.9
Sp. conductance: 257 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 207 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.1	pH	GE
0	Specific conductance	215	µS/cm	GE
0	Turbidity	4.8	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	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	42,600	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	Chloride	2,910	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	< 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)	2.8	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	120	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 BGO 10AR collected on 08/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	1,190	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	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	1,180	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	30,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,700	µg/L	GE
0	Sulfate	8,300	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	166,000	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)	150	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	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	2.3E-08 ± 5.4E-05	µCi/mL	EM
1	Total radium	3.2E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91 Time: 13:05
Depth to water: 80.27 ft (24.47 m) below TOC pH: 7.7
Water elevation: 221.03 ft (67.37 m) msl Alkalinity: 90 mg/L
Sp. conductance: 238 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 42 gal
The well went dry during purging.

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 Time: 9:30
Depth to water: 80.27 ft (24.47 m) below TOC pH: 7.7
Water elevation: 221.03 ft (67.37 m) msl Alkalinity: 86 mg/L
Sp. conductance: 213 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 42 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
1	Specific conductance	250	µS/cm	GE
0	Turbidity	7.1	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	42,500	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	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

WELL BGO 10C collected on 07/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	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	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	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Iron	7.6	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	<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	280	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	581	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	23,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,510	µg/L	GE
0	Sulfate	7,340	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	161,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.1	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	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	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL BGO 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/91 Time: 17:10
Depth to water: 70.05 ft (21.35 m) below TOC
Water elevation: 231.45 ft (70.55 m) msl
The well pumped dry before all field parameters were collected.

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91 Time: 14:30
Depth to water: 73.93 ft (22.53 m) below TOC pH: 4.6
Water elevation: 231.37 ft (70.52 m) msl Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm Water temperature: 25.4°C
Water evacuated before sampling: 40 gal

ANALYTICAL RESULTS

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 13:55
Depth to water: 73.95 ft (22.54 m) below TOC pH: 4.7
Water elevation: 231.35 ft (70.52 m) msl Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	5.8	NTU	GE
0	Acetophenone	<10	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	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	Calcium	632	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	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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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)	1.5	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	423	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	1,990	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	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	6,490	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,730	µg/L	GE
0	Sulfate	<1,000	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	15,000	µg/L	GE
0	Total dissolved solids	15,000	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	13	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	2,4,5-TP (Silvex)	<0.090	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 BGO 11D collected on 07/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	2.2E-09 ± 1.7E-09	µCi/mL	GE
0	Gross alpha	2.2E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	1.0E-08 ± 5.5E-09	µCi/mL	GE
2	Tritium	1.8E-04 ± 1.9E-06	µCi/mL	GE
2	Tritium	1.8E-04 ± 1.9E-06	µCi/mL	GE
2	Tritium	1.8E-04 ± 1.9E-06	µCi/mL	GE
2	Tritium	1.8E-04 ± 1.9E-06	µCi/mL	GE

WELL BGO 12AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 10:10
Inaccessibility or pump failure prevented sample collection.

WELL BGO 12AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 Time: 11:45
Depth to water: 154.88 ft (47.21 m) below TOC pH: 9.9
Sp. conductance: 236 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 273 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	195	µS/cm	GE
0	Turbidity	1.0	NTU	GE
0	Acetophenone	<10	µg/L	GE
1	Aluminum	169	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	13	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	44,000	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	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	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)	5.8	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	210	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	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	170	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	4,090	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	32,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,800	µg/L	GE
0	Sulfate	6,250	µg/L	GE

WELL BGO 12AR collected on 08/08/91, 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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	172,000	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)	220	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	Trichloroethylene	3.4	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	2.8E-09 ± 2.1E-09	µCi/mL	GE
0	Total activity	3.2E-05 ± 5.5E-05	µCi/mL	EM
0	Total radium	1.1E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 12CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 10:15
Inaccessibility or pump failure prevented sample collection.

WELL BGO 12CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 Time: 9:25
Depth to water: 92.24 ft (28.12 m) below TOC pH: 10.9
Sp. conductance: 447 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 46 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	240	µS/cm	GE
0	Turbidity	5.5	NTU	GE
0	Acetophenone	<10	µg/L	GE
2	Aluminum	1,290	µg/L	GE
1	Antimony	2.6	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	27,300	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	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	13	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	372	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	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Iron	9.5	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	5.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL BGO 12CR collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	700	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	5,400	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	17,100	µg/L	GE
0	Sulfate	11,400	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	145,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	68	µg/L	GE
0	Total phosphates (as P)	250	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	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
2	Trichloroethylene	45	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	3.7E-09 ± 2.2E-09	µCi/mL	GE
0	Total activity	1.7E-06 ± 5.4E-05	µCi/mL	EM
1	Total radium	3.9E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	7.9E-07 ± 2.0E-07	µCi/mL	GE

WELL BGO 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91 Time: 13:25
Depth to water: 82.58 ft (25.17 m) below TOC pH: 6.9
Water elevation: 231.12 ft (70.45 m) msl Alkalinity: 56 mg/L
Sp. conductance: 170 µS/cm Water temperature: 23.2°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

WELL BGO 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 Time: 10:00
Depth to water: 82.58 ft (25.17 m) below TOC pH: 6.8
Water elevation: 231.12 ft (70.45 m) msl Alkalinity: 40 mg/L
Sp. conductance: 150 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	130	µS/cm	GE
0	Turbidity	32	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	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	15,100	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	Chloride	2,910	µg/L	GE
0	Chloride	2,910	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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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

ANALYTICAL RESULTS

WELL BGO 12D collected on 07/11/91, 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)	1.8	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	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	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	2,090	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	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,530	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	3,770	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,440	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,110	µg/L	GE
0	Sulfate	12,100	µg/L	GE
0	Sulfate	12,100	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
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
1	Total organic halogens	41	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
2	Trichloroethylene	59	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	6.4E-09 ± 3.1E-09	µCi/mL	GE
0	Nonvolatile beta	6.4E-09 ± 3.1E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 2.9E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL BGO 13DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 12:45
Inaccessibility or pump failure prevented sample collection.

WELL BGO 14AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 11:00
Inaccessibility or pump failure prevented sample collection.

WELL BGO 14AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 Time: 13:20
Depth to water: 141.11 ft (43.01 m) below TOC pH: 11.2
Sp. conductance: 526 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 371 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	350	µS/cm	GE
0	Turbidity	0.60	NTU	GE

WELL BGO 14AR collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acetophenone	<10	µg/L	GE
2	Aluminum	1,160	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	4.3	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	47,500	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	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	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	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	149	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	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	313	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	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	6.0	µg/L	GE
0	Potassium	10,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	21,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,400	µg/L	GE
0	Sulfate	4,510	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	173,000	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)	180	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	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	8.9E-09 ± 2.6E-09	µCi/mL	GE
0	Total activity	2.5E-05 ± 5.5E-05	µCi/mL	EM
1	Total radium	3.7E-09 ± 3.3E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE

WELL BGO 14CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 11:05
Inaccessibility or pump failure prevented sample collection.

WELL BGO 14CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 Time: 9:50
Depth to water: 76.57 ft (23.34 m) below TOC pH: 7.3
Sp. conductance: 134 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 17 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Turbidity	54	NTU	GE
0	Turbidity	54	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	2.5	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	12,000	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	Chloride	3,650	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
0	1,1-Dichloroethylene	<1.0	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	608	µg/L	GE
0	Manganese	23	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	8.2	µg/L	GE
0	Nitrate as nitrogen	900	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	5,870	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	6,840	µg/L	GE
0	Sulfate	3,130	µg/L	GE
0	Sulfate	3,080	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	55,000	µg/L	GE
0	Total dissolved solids	57,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	50	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	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	39	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	34	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	2.6E-09 ± 2.0E-09	µCi/mL	GE
0	Total activity	1.2E-04 ± 5.7E-05	µCi/mL	EM
0	Total radium	1.3E-09 ± 2.5E-09	µCi/mL	GE

WELL BGO 14CR collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tritium	7.7E-05 ± 1.2E-06	µCi/mL	GE

WELL BGO 14DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 10:55
Depth to water: 69.91 ft (21.31 m) below TOC pH: 6.0
Sp. conductance: 68 µS/cm Water temperature: 22.3°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.4E-03 ± 2.8E-05	µCi/mL	EM

WELL BGO 14DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 14:25
Depth to water: 67.82 ft (20.67 m) below TOC pH: 5.7
Sp. conductance: 58 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Turbidity	3.2	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	9.2	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	2,510	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	Chloride	4,020	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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	433	µg/L	GE
1	Manganese	30	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	7.9	µg/L	GE
0	Nitrate as nitrogen	1,140	µg/L	GE
0	Nitrate as nitrogen	1,130	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	849	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,860	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,110	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 14DR collected on 07/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	4,030	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	3.4	µg/L	GE
0	Tin	<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	17	µg/L	GE
0	Total organic halogens	18	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	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
2	Trichloroethylene	21	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	2.9E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.7E-09	µCi/mL	GE
0	Total activity	2.1E-03 ± 3.6E-05	µCi/mL	EM
0	Total radium	<1.0E-09	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 BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 68.52 ft (20.89 m) below TOC
Water elevation: 230.18 ft (70.16 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 30 gal
Time: 14:00
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 25.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	4.9E-04 ± 5.1E-06	µCi/mL	EM

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91
Depth to water: 68.49 ft (20.88 m) below TOC
Water elevation: 230.21 ft (70.17 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 30 gal
Time: 15:25
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	4.9	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	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	2,840	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	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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	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 BGO 15D collected on 07/10/91, 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	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	1,2,3,4,7,8-HXCDD	<0.00045	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	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	413	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	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,120	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,130	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	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
2	Tetrachloroethylene	6.0	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
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	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
2	Trichloroethylene	66	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	<2.0E-09	µCi/mL	GE
0	Total activity	5.4E-04 ± 5.5E-06	µCi/mL	EM
0	Total radium	1.4E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	5.8E-04 ± 3.4E-06	µCi/mL	GE
2	Tritium	5.8E-04 ± 3.4E-06	µCi/mL	GE

WELL BGO 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91
Depth to water: 142.86 ft (43.57 m) below TOC
Water elevation: 162.04 ft (49.39 m) msl
Sp. conductance: 1674 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.
Time: 12:25
pH: 12.0
Alkalinity: 365 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,010	µS/cm	GE
0	Turbidity	0.15	NTU	GE
0	Acenaphthene	<10	µg/L	GE
2	Aluminum	886	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	121,000	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	Chloride	1,120	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

WELL BGO 16A collected on 08/29/91, 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	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	155	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	1,2,3,4,7,8-HXCDD	<0.00045	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	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	3.7	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	<50	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	19,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,590	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	20,200	µg/L	GE
0	Sulfate	11,800	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	Tetrachloroethylene	<1.0	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
2	Total organic halogens	136	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	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 2.7E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 Time: 9:05
Depth to water: 73.17 ft (22.30 m) below TOC
Water elevation: 231.43 ft (70.54 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL BGO 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 Time: 10:20
Inaccessibility or pump failure prevented sample collection.

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 Time: 11:20
Depth to water: 133.06 ft (40.56 m) below TOC pH: 6.9
Water elevation: 162.14 ft (49.42 m) msl Alkalinity: 48 mg/L
Sp. conductance: 199 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 165 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	Specific conductance	130	µS/cm	GE
0	Turbidity	0.16	NTU	GE
0	Acenaphthene	<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	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	Calcium	32,100	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	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	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	109	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	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Iron	26	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,250	µg/L	GE
2	Manganese	57	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	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	947	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	35,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,440	µg/L	GE
0	Sulfate	9,320	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	136,000	µg/L	GE
0	Total dissolved solids	136,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	143	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	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	2.2E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 Time: 11:35
Depth to water: 62.57 ft (19.07 m) below TOC pH: 4.7
Water elevation: 232.33 ft (70.82 m) msl Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Specific conductance	18	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Aluminum	30	µg/L	GE
0	Antimony	<2.0	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	Calcium	677	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	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
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	260	µg/L	GE
0	Manganese	11	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	1,070	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,650	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,710	µg/L	GE
0	Sulfate	<1,000	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	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
2	Total organic halogens	144	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	2.0	µg/L	GE
0	Trichlorofluoromethane	2.0	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	2.2E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 8.0E-07	µCi/mL	GE

WELL BGO 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 Time: 11:00
Inaccessibility or pump failure prevented sample collection.

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 Time: 12:10
Depth to water: 49.19 ft (14.99 m) below TOC pH: 5.6
Water elevation: 234.51 ft (71.48 m) msl Alkalinity: 15 mg/L
Sp. conductance: 75 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	5.7	pH	GE
0	Specific conductance	47	µS/cm	GE
0	Turbidity	7.3	NTU	GE
0	Acenaphthene	<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	3,970	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	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	2.0	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	5.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	937	µg/L	GE
2	Manganese	77	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	13	µg/L	GE
0	Nitrate as nitrogen	1,760	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	989	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,080	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,490	µg/L	GE
0	Sulfate	<1,000	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	20,000	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)	<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

WELL BGO 20D collected on 08/29/91, 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	2.2E-09 ± 1.9E-09	µCi/mL	GE
1	Total radium	4.7E-09 ± 4.6E-09	µCi/mL	GE
2	Tritium	2.0E-05 ± 7.0E-07	µCi/mL	GE

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91
Depth to water: 49.99 ft (15.24 m) below TOC
Water elevation: 235.41 ft (71.75 m) msl
Sp. conductance: 189 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 12:50
pH: 8.5
Alkalinity: 39 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.6	pH	GE
0	Specific conductance	111	µS/cm	GE
0	Turbidity	303	NTU	GE
0	Acenaphthene	<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	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	4,740	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	Chloride	6,050	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
0	1,1-Dichloroethylene	<1.0	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	151	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
1	Nitrate as nitrogen	5,600	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	12,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,510	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,100	µg/L	GE
0	Sulfate	1,980	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	88,000	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)	<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

WELL BGO 21D collected on 08/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	1.2E-08 ± 2.6E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	4.5E-05 ± 1.0E-06	µCi/mL	GE

WELL BGO 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91
Depth to water: 52.67 ft (16.05 m) below TOC
Water elevation: 233.83 ft (71.27 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 104 gal

Time: 10:45
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Turbidity	1.2	NTU	GE
0	Acenaphthene	<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	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	1,170	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	Chloride	1,760	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	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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	494	µg/L	GE
0	Manganese	7.4	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	1,940	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,660	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	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	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	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)	<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 BGO 22D collected on 08/29/91, 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	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	2.1E-09 ± 2.9E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 Time: 9:55
Depth to water: 52.77 ft (16.08 m) below TOC pH: 6.2
Water elevation: 236.43 ft (72.06 m) msl Alkalinity: 12 mg/L
Sp. conductance: 53 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	38	µS/cm	GE
0	Turbidity	0.68	NTU	GE
0	Acenaphthene	<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	5.2	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	838	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	Chloride	890	µg/L	GE
0	Chloride	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	<4.0	µg/L	GE
0	Copper	9.0	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)	3.4	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	Fluoride	<100	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	1,2,3,4,7,8-HXCDD	<0.00045	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	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	224	µg/L	GE
0	Manganese	6.6	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	2,280	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,160	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,910	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,400	µg/L	GE

WELL BGO 23D collected on 08/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	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
2	Total organic halogens	350	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	2,4,5-TP (Silvex)	<0.090	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	3.3E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 2.9E-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: 08/29/91 Time: 9:25
Depth to water: 55.59 ft (16.94 m) below TOC
Water elevation: 237.61 ft (72.42 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91 Time: 13:40
Depth to water: 135.17 ft (41.20 m) below TOC pH: 7.4
Water elevation: 161.33 ft (49.17 m) msl Alkalinity: 109 mg/L
Sp. conductance: 251 µS/cm Water temperature: 23.4°C
Water evacuated before sampling: 22 gal
The well went dry during purging.

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 Time: 10:35
Depth to water: 135.34 ft (41.25 m) below TOC pH: 7.5
Water elevation: 161.16 ft (49.12 m) msl Alkalinity: 106 mg/L
Sp. conductance: 254 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 23 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	240	µS/cm	GE
0	Turbidity	0.89	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	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	46,300	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	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	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

WELL BGO 25A collected on 07/11/91, 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	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,7,8-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	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	792	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	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	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	Phenols	<5.0	µg/L	GE
0	Potassium	766	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	43,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	9,540	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	167,000	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 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	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	1.5E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 126.26 ft (38.48 m) below TOC
Water elevation: 160.94 ft (49.06 m) msl
Sp. conductance: 1126 µS/cm
Water evacuated before sampling: 47 gal
The well went dry during purging.

Time: 8:00
pH: 11.8
Alkalinity: 265 mg/L
Water temperature: 20.0°C

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: 128.61 ft (39.20 m) below TOC
Water elevation: 158.59 ft (48.34 m) msl
Sp. conductance: 379 µS/cm
Water evacuated before sampling: 46 gal
The well went dry during purging.

Time: 11:00
pH: 10.9
Alkalinity: 90 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	340	µS/cm	GE
0	Turbidity	0.18	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	27	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	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	29,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE

WELL BGO 26A collected on 07/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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)	1.9	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	107	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	247	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	220	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	934	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	45,100	µg/L	GE
0	Silica	51,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,340	µg/L	GE
0	Sulfate	8,080	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 dissolved solids	138,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total organic halogens	12	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	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	Trichloroethylene	3.5	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	<2.0E-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 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 57.50 ft (17.53 m) below TOC
Water elevation: 228.00 ft (69.50 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 7:50
pH: 5.5
Alkalinity: 8 mg/L
Water temperature: 20.5°C

ANALYTICAL RESULTS

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 — Time: 11:25
Depth to water: 57.54 ft (17.54 m) below TOC — pH: 5.6
Water elevation: 227.96 ft (69.48 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 44 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	5.7	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	42	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	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	2,390	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,830	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	51	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	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	57	µg/L	GE
0	Lead	6.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	374	µg/L	GE
0	Manganese	8.1	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	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	7,850	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,830	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	15,000	µg/L	GE
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)	270	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	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	5.5E-06 ± 4.0E-07	µCi/mL	GE

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/91 — Time: 13:50
Depth to water: 55.16 ft (16.81 m) below TOC — pH: 7.0
Water elevation: 220.84 ft (67.31 m) msl — Alkalinity: 34 mg/L
Sp. conductance: 116 µS/cm — Water temperature: 23.4°C
Water evacuated before sampling: 173 gal

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/91 — Time: 13:50
Depth to water: 55.16 ft (16.81 m) below TOC — pH: 7.0
Water elevation: 220.84 ft (67.31 m) msl — Alkalinity: 34 mg/L
Sp. conductance: 116 µS/cm — Water temperature: 23.4°C
Water evacuated before sampling: 173 gal

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91 — Time: 10:35
Depth to water: 55.24 ft (16.84 m) below TOC — pH: 7.0
Water elevation: 220.76 ft (67.29 m) msl — Alkalinity: 36 mg/L
Sp. conductance: 112 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 173 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Turbidity	1.5	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	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	19,900	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	<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)	1.4	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	287	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	1,210	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	9,100	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	60,000	µg/L	GE

WELL BGO 27C collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	66	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	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
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	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	6.8E-05 ± 1.2E-06	µCi/mL	GE

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 55.24 ft (16.84 m) below TOC
Water elevation: 220.76 ft (67.29 m) msl
Sp. conductance: 112 µS/cm
Water evacuated before sampling: 173 gal
Time: 10:35
pH: 7.0
Alkalinity: 36 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Turbidity	0.88	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	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	Calcium	19,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,970	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	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)	1.3	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	289	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	1,220	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	9,080	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	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	83,000	µg/L	GE
0	Total dissolved solids	54,000	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	Total phosphates (as P)	330	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL BGO 27C collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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
2	Trichloroethylene	16	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	6.3E-05 ± 1.1E-06	µCi/mL	GE
2	Tritium	6.5E-05 ± 1.1E-06	µCi/mL	GE

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 48.59 ft (14.81 m) below TOC
Water elevation: 227.71 ft (69.41 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 8:15
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	7.7E-04 ± 2.3E-05	µCi/mL	EM

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 48.56 ft (14.80 m) below TOC
Water elevation: 227.74 ft (69.42 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 11:05
pH: 4.9
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	25	µS/cm	GE
0	Turbidity	31	NTU	GE
0	Acetophenone	<10	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	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	1,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,250	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	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)	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	Fluoride	<100	µg/L	GE
1	Iron	239	µg/L	GE
1	Lead	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,030	µg/L	GE
1	Manganese	37	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	20	µg/L	GE
0	Nitrate as nitrogen	1,340	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 27D collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	6,220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,330	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	83,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	40	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	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	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	1.5E-04 ± 1.5E-05	µCi/mL	EM
0	Total radium	1.7E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	1.1E-03 ± 4.7E-06	µCi/mL	GE

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 50.87 ft (15.54 m) below TOC
Water elevation: 226.43 ft (69.02 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 8:30
pH: 5.3
Alkalinity: 8 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	7.9E-02 ± 2.0E-04	µCi/mL	EM

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 50.94 ft (15.53 m) below TOC
Water elevation: 226.46 ft (69.03 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 11:40
pH: 5.1
Alkalinity: 6 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Turbidity	45	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	39	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	1.9	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,790	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	10,200	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	93	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	8.2	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	8.9	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	26	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	4.4	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.2	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	317	µg/L	GE
1	Iron	232	µg/L	GE

WELL BGO 28D collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Lead	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	486	µg/L	GE
2	Manganese	76	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	18	µg/L	GE
0	Nitrate as nitrogen	3,500	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	7,880	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,430	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	Tin	<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	3,000	µg/L	GE
2	Total organic halogens	1,170	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	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
2	Trichloroethylene	96	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	3.2E-09 ± 2.7E-09	µCi/mL	GE
0	Total activity	7.8E-02 ± 2.1E-04	µCi/mL	EM
0	Total radium	1.5E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	7.2E-02 ± 3.7E-05	µCi/mL	GE

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 104.28 ft (31.78 m) below TOC
Water elevation: 159.92 ft (48.74 m) msl
Sp. conductance: 111 µS/cm
Water evacuated before sampling: 40 gal
The well went dry during purging.

Time: 7:35
pH: 7.3
Alkalinity: 33 mg/L
Water temperature: 19.8°C

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 104.45 ft (31.84 m) below TOC
Water elevation: 159.75 ft (48.69 m) msl
Sp. conductance: 113 µS/cm
Water evacuated before sampling: 42 gal
The well went dry during purging.

Time: 10:00
pH: 7.2
Alkalinity: 35 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	140	µS/cm	GE
0	Turbidity	1.9	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	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	23,300	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	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)	1.2	µg/L	GE

WELL BGO 29A collected on 07/12/91, 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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	473	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	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	12,400	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	73,000	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)	290	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	2.3	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	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	7.7E-06 ± 4.0E-07	µCi/mL	GE

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 55.08 ft (16.79 m) below TOC
Water elevation: 219.42 ft (66.88 m) msl
Sp. conductance: 56 µS/cm
Water evacuated before sampling: 24 gal
The well went dry during purging.

Time: 8:50
pH: 6.2
Alkalinity: 15 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	3.0E-04 ± 4.0E-06	µCi/mL	EM

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 55.16 ft (16.81 m) below TOC
Water elevation: 219.34 ft (66.86 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 25 gal
The well went dry during purging.

Time: 13:10
pH: 6.1
Alkalinity: 10 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Turbidity	52	NTU	GE
0	Acetophenone	<100	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	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	2,590	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

WELL BGO 30C collected on 07/16/91, 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	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	120	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	206	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	<100	µg/L	GE
0	Nickel	4.3	µg/L	GE
0	Nitrate as nitrogen	430	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	8,880	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,330	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	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)	150	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Tributyl phosphate	<100	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	5.6	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	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Total activity	2.0E-04 ± 3.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.1E-04 ± 2.1E-06	µCi/mL	GE

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 48.72 ft (14.85 m) below TOC
Water elevation: 226.08 ft (68.91 m) msl
Sp. conductance: 116 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 8:40
pH: 5.9
Alkalinity: 24 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	2.4E-02 ± 1.1E-04	µCi/mL	EM

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 48.79 ft (14.87 m) below TOC
Water elevation: 226.01 ft (68.89 m) msl
Sp. conductance: 99 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 13:35
pH: 5.5
Alkalinity: 11 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Turbidity	3.4	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	78	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 30D collected on 07/16/91, 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	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	2,580	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
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	6.6	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	144	µg/L	GE
1	Lead	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	443	µg/L	GE
1	Manganese	46	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	14	µg/L	GE
0	Nitrate as nitrogen	810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	640	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,650	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10,200	µg/L	GE
0	Sulfate	17,800	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	54,000	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)	<100	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
2	Trichloroethylene	14	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 ± 5.2E-09	µCi/mL	GE
0	Total activity	4.2E-02 ± 1.5E-04	µCi/mL	EM
1	Total radium	3.3E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	3.1E-02 ± 2.5E-05	µCi/mL	GE

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 47.13 ft (14.37 m) below TOC
Water elevation: 225.97 ft (68.88 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 32 gal
The well went dry during purging.

Time: 9:05
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	3.5E-04 ± 4.4E-06	µCi/mL	EM

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 47.16 ft (14.37 m) below TOC
Water elevation: 225.94 ft (68.87 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 32 gal
The well went dry during purging.

Time: 12:40
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	20	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	<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	1,560	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
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	18	µg/L	GE
0	Lead	5.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	438	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	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,090	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	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,610	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	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)	<100	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	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	4.7E-04 ± 5.1E-06	µCi/mL	EM
0	Total radium	1.9E-09 ± 7.0E-10	µCi/mL	GE
2	Tritium	4.8E-04 ± 3.1E-06	µCi/mL	GE

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 46.58 ft (14.20 m) below TOC
Water elevation: 227.12 ft (69.23 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 9:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	7.3E-05 ± 2.2E-06	µCi/mL	EM

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 46.78 ft (14.26 m) below TOC
Water elevation: 226.92 ft (69.17 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 12:20
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Turbidity	38	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	7.2	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	505	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	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)	<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	317	µg/L	GE
0	Lead	5.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,180	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	5.2	µg/L	GE
0	Nitrate as nitrogen	1,380	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	7,870	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,810	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	19,000	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)	<100	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

WELL BGO 31D collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	5.0E-09 ± 3.8E-09	µCi/mL	GE
0	Nonvolatile beta	4.2E-09 ± 3.7E-09	µCi/mL	GE
0	Total activity	5.7E-05 ± 2.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 1.3E-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: 07/02/91
Depth to water: 53.56 ft (16.33 m) below TOC
Water elevation: 228.14 ft (69.54 m) msl
Sp. conductance: 60 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 9:30
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	2.0E-03 ± 3.4E-05	µCi/mL	EM

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 53.69 ft (16.36 m) below TOC
Water elevation: 228.01 ft (69.50 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.
Time: 11:30
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Turbidity	50	NTU	GE
0	Acetophenone	<10	µg/L	GE
2	Aluminum	225	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	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	858	µg/L	GE
0	Carbon tetrachloride	<1.0	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	2.0	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)	<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	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,430	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	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	4,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	853	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 32D collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,190	µg/L	GE
0	Sulfate	2,530	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	7.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	44,000	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 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	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
2	Trichloroethylene	6.0	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	2.8E-09 ± 1.7E-09	µCi/mL	GE
0	Gross alpha	2.9E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	8.7E-09 ± 5.9E-09	µCi/mL	GE
0	Nonvolatile beta	6.6E-09 ± 5.7E-09	µCi/mL	GE
0	Total activity	2.9E-03 ± 4.0E-05	µCi/mL	EM
2	Total radium	1.0E-08 ± 4.3E-09	µCi/mL	GE
2	Tritium	2.5E-03 ± 7.1E-06	µCi/mL	GE
2	Tritium	2.5E-03 ± 7.1E-06	µCi/mL	GE

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/91
Depth to water: 53.92 ft (16.44 m) below TOC
Water elevation: 225.48 ft (68.73 m) msl
Sp. conductance: 66 µS/cm
Water evacuated before sampling: 125 gal
Time: 15:35
pH: 5.9
Alkalinity: 10 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	7.4E-03 ± 6.5E-05	µCi/mL	EM

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 53.95 ft (16.44 m) below TOC
Water elevation: 225.45 ft (68.72 m) msl
Sp. conductance: 61 µS/cm
Water evacuated before sampling: 125 gal
Time: 14:15
pH: 5.7
Alkalinity: 9 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Turbidity	0.70	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	5,510	µg/L	GE
0	Carbon tetrachloride	1.0	µg/L	GE
0	Chloride	6,300	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	11	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

WELL BGO 33C collected on 07/15/91, 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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	716	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	0.59	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	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	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,940	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	3.2	µg/L	GE
0	Tin	<2.0	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 carbon	<1,000	µg/L	GE
2	Total organic halogens	202	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	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
2	Trichloroethylene	17	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	1.2E-09 ± 2.4E-09	µCi/mL	GE
2	Tritium	6.3E-03 ± 1.1E-05	µCi/mL	GE

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 49.22 ft (15.00 m) below TOC
Water elevation: 231.08 ft (70.43 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 9:55
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.3°C

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
No water was evacuated before sampling.
Time: Not available

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	6.5E-03 ± 5.9E-05	µCi/mL	EM

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 49.44 ft (15.07 m) below TOC
Water elevation: 230.86 ft (70.37 m) msl
Sp. conductance: 68 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 11:00
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Turbidity	35	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	47	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

WELL BGO 33D collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,680	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	12,100	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	Copper	6.8	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	134	µg/L	GE
0	Lead	6.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,880	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	GE
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	2,120	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,910	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,710	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
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	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	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 2.9E-09	µCi/mL	GE
2	Total radium	5.4E-09 ± 3.5E-09	µCi/mL	GE
2	Tritium	3.5E-05 ± 9.0E-07	µCi/mL	GE

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 41.15 ft (12.54 m) below TOC
Water elevation: 233.75 ft (71.25 m) msl
Sp. conductance: 80 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 10:10
pH: 6.6
Alkalinity: 19 mg/L
Water temperature: 21.1°C

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 41.46 ft (12.64 m) below TOC
Water elevation: 233.44 ft (71.15 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 10:35
pH: 6.2
Alkalinity: 12 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	2.4	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE

WELL BGO 34D collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	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	Calcium	5,540	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,780	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	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	17	µg/L	GE
0	Lead	5.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	732	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	Naphthalene	<10	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	<500	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	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	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)	<100	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	Xylenes	<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 radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.7E-05 ± 8.0E-07	µCi/mL	GE

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 44.62 ft (13.60 m) below TOC
Water elevation: 228.78 ft (69.73 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 175 gal

Time: 10:40
pH: 9.7
Alkalinity: 34 mg/L
Water temperature: 20.7°C

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 44.62 ft (13.60 m) below TOC
Water elevation: 228.78 ft (69.73 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 175 gal

Time: 10:40
pH: 9.7
Alkalinity: 34 mg/L
Water temperature: 20.7°C

ANALYTICAL RESULTS

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91 Time: 13:15
Depth to water: 44.63 ft (13.60 m) below TOC pH: 8.4
Water elevation: 228.77 ft (69.73 m) msl Alkalinity: 19 mg/L
Sp. conductance: 70 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 175 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acetophenone	<10	µg/L	GE
2	Aluminum	213	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	8,330	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,880	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	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)	1.2	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	265	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	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,080	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	8,320	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,950	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	40,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	23	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	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	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 ± 3.4E-09	µCi/mL	GE
0	Tritium	3.4E-06 ± 3.0E-07	µCi/mL	GE

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91 Time: 13:15
Depth to water: 44.63 ft (13.60 m) below TOC pH: 8.4
Water elevation: 228.77 ft (69.73 m) msl Alkalinity: 19 mg/L
Sp. conductance: 70 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 175 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Turbidity	<0.10	NTU	GE
0	Acetophenone	<10	µg/L	GE
2	Aluminum	213	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	8,380	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,880	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	<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)	1.2	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	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	265	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	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,080	µg/L	GE
0	Nitrate as nitrogen	1,080	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	8,250	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,910	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	45,000	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	<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	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	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	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 36.50 ft (11.73 m) below TOC
Water elevation: 235.00 ft (71.63 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 10:25
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	2.6E-04 ± 3.8E-06	µCi/mL	EM

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 38.73 ft (11.81 m) below TOC
Water elevation: 234.77 ft (71.56 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 10:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Turbidity	115	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	73	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	255	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,300	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	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	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	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	378	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	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,500	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	6,940	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,670	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	Tin	<2.0	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)	210	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

WELL BGO 35D collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	6.1E-09 ± 5.5E-09	µCi/mL	GE
0	Total activity	1.1E-04 ± 2.6E-06	µCi/mL	EM
0	Total radium	1.2E-09 ± 1.3E-09	µCi/mL	GE
2	Tritium	2.9E-04 ± 2.5E-06	µCi/mL	GE

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 38.64 ft (11.78 m) below TOC
Water elevation: 236.76 ft (72.17 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 11:05
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 21.0°C

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 38.78 ft (11.82 m) below TOC
Water elevation: 236.62 ft (72.12 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 9:45
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Turbidity	94	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	81	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	110	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,820	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	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)	<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	111	µg/L	GE
1	Lead	14	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	415	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	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,020	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	5,910	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 36D collected on 07/16/91, 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 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	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	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 5.0E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	2.8E-05 ± 8.0E-07	µCi/mL	GE

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91 — Time: 11:20
Depth to water: 48.80 ft (14.87 m) below TOC — pH: 5.4
Water elevation: 238.50 ft (72.70 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91 — Time: 9:20
Depth to water: 48.89 ft (14.90 m) below TOC — pH: 5.2
Water elevation: 238.41 ft (72.67 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 35 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
0	pH	6.0	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	201	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	7.7	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	524	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,550	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	Copper	6.8	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	17	µg/L	GE
1	Lead	7.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	278	µg/L	GE
0	Manganese	24	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	5.2	µg/L	GE
0	Nitrate as nitrogen	2,740	µg/L	GE
0	Nitrate as nitrogen	2,780	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL BGO 37D collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	5,830	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,570	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	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)	<100	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	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	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	<2.0E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 3.4E-09	µCi/mL	GE
2	Tritium	2.5E-05 ± 7.0E-07	µCi/mL	GE
2	Tritium	2.6E-05 ± 7.0E-07	µCi/mL	GE

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91 — Time: 11:30
Depth to water: 55.62 ft (16.95 m) below TOC — pH: 4.3
Water elevation: 235.98 ft (71.93 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 26.3°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91 — Time: 8:50
Depth to water: 55.83 ft (17.02 m) below TOC — pH: 4.1
Water elevation: 235.77 ft (71.86 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Turbidity	83	NTU	GE
0	Acetophenone	<10	µg/L	GE
1	Aluminum	143	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	48	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	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	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

WELL BGO 38D collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	4.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	815	µg/L	GE
0	Manganese	7.8	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	2,020	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	5,510	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,610	µg/L	GE
0	Sulfate	1,350	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
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	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	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 ± 3.6E-09	µCi/mL	GE
2	Tritium	3.0E-05 ± 8.0E-07	µCi/mL	GE

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 60.55 ft (18.46 m) below TOC
Water elevation: 235.15 ft (71.67 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 11:40
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.0°C

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 60.63 ft (18.48 m) below TOC
Water elevation: 235.07 ft (71.65 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 8:30
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Turbidity	167	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	77	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	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	21	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	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

WELL BGO 39D collected on 07/16/91, 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	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	3.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	109	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	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,350	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	5,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,430	µg/L	GE
0	Sulfate	6,300	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	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)	<100	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	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.1E-09 ± 5.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.6E-05 ± 9.0E-07	µCi/mL	GE

WELL BGO 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 65.99 ft (20.11 m) below TOC
Water elevation: 222.41 ft (67.79 m) msl
Sp. conductance: 514 µS/cm
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

Time: 10:15
pH: 6.8
Alkalinity: 228 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
1	Specific conductance	370	µS/cm	GE
0	Turbidity	114	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	<20	µg/L	GE
2	Antimony	5.6	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	1.4	µg/L	GE
0	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	12,600	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	31	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)	3.2	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL BGO 40D collected on 08/09/91, 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	<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
2	Manganese	128	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Naphthalene	<10	µg/L	GE
1	Nickel	72	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	37,500	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	52,100	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	Tin	<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	3,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	57	µg/L	GE
0	Total phosphates (as P)	4,400	µg/L	GE
0	Toxaphene	<0.24	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	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	2.8E-08 ± 4.0E-09	µCi/mL	GE
0	Total activity	8.4E-05 ± 5.6E-05	µCi/mL	EM
2	Total radium	7.5E-09 ± 5.0E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 2.0E-07	µCi/mL	GE

WELL BGO 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91
Depth to water: 118.38 ft (36.08 m) below TOC
Water elevation: 160.52 ft (48.93 m) msl
Sp. conductance: 194 µS/cm
Water evacuated before sampling: 116 gal
Time: 12:10
pH: 7.5
Alkalinity: 79 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	3.9E-06 ± 1.1E-05	µCi/mL	EM

WELL BGO 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: 116.23 ft (36.04 m) below TOC
Water elevation: 160.67 ft (48.97 m) msl
Sp. conductance: 191 µS/cm
Water evacuated before sampling: 116 gal
Time: 12:25
pH: 7.4
Alkalinity: 77 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	190	µS/cm	GE
0	Turbidity	0.41	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	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	34,100	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

WELL BGO 45A collected on 07/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	1.3	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	494	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	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	24,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,410	µg/L	GE
0	Sulfate	4,080	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	114,000	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	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	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	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	2.4E-06 ± 1.2E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	8.6E-07 ± 2.0E-07	µCi/mL	GE

WELL BGO 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 59.42 ft (18.11 m) below TOC
Water elevation: 219.18 ft (66.81 m) msl
Sp. conductance: 168 µS/cm
Water evacuated before sampling: 43 gal
The well went dry during purging.
Time: 8:40
pH: 10.2
Alkalinity: 29 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	7.2E-06 ± 1.1E-05	µCi/mL	EM

WELL BGO 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: 59.41 ft (18.11 m) below TOC
Water elevation: 219.19 ft (66.81 m) msl
Sp. conductance: 172 µS/cm
Water evacuated before sampling: 44 gal
The well went dry during purging.
Time: 12:45
pH: 9.2
Alkalinity: 41 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.5	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Turbidity	2.3	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	96	µg/L	GE
0	Antimony	<2.0	µg/L	GE

WELL BGO 45B collected on 07/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Barium	40	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	12,700	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	1.1	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)	1.2	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	329	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	1,010	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,680	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	20,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,400	µg/L	GE
0	Sulfate	21,000	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	108,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	45	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	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	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	3.7E-06 ± 1.2E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.3E-08 ± 3.0E-07	µCi/mL	GE

WELL BGO 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 56.02 ft (17.08 m) below TOC
Water elevation: 222.58 ft (67.84 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 19 gal
The well went dry during purging.

Time: 8:50
pH: 5.4
Alkalinity: 5 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	6.9E-05 ± 1.2E-05	µCi/mL	EM

WELL BGO 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: 56.02 ft (17.08 m) below TOC
Water elevation: 222.58 ft (67.84 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 19 gal
The well went dry during purging.

Time: 13:00
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	7.0	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	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	2,140	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	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)	1.3	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	Fluoride	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	5.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	581	µg/L	GE
1	Manganese	40	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	16	µg/L	GE
0	Nitrate as nitrogen	910	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	7,860	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,360	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	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)	<100	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	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	8.1E-05 ± 1.3E-05	µCi/mL	EM
0	Total radium	1.9E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	8.2E-05 ± 1.3E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGO 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 11:30
Depth to water: 50.89 ft (15.54 m) below TOC pH: 5.2
Water elevation: 227.61 ft (69.38 m) msl Alkalinity: 1 mg/L
Sp. conductance: 26 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.5E-05 ± 1.1E-05	µCi/mL	EM

WELL BGO 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 Time: 12:00
Depth to water: 50.97 ft (15.54 m) below TOC pH: 5.2
Water elevation: 227.63 ft (69.38 m) msl Alkalinity: 1 mg/L
Sp. conductance: 26 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Turbidity	0.88	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	6.9	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	915	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	<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)	1.3	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	426	µg/L	GE
0	Manganese	11	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	1,040	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	6,780	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,390	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	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)	<100	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

WELL BGO 45D collected on 07/11/91, 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	1.2E-05 ± 1.1E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.0E-05 ± 7.0E-07	µCi/mL	GE

WELL BGX 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 Time: 11:10
Depth to water: 131.91 ft (40.21 m) below TOC
Inaccessibility or pump failure prevented sample collection.

WELL BGX 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 15:30
Depth to water: 132.30 ft (40.33 m) below TOC pH: 12.2
Sp. conductance: 5030 µS/cm Water temperature: 25.5°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	13	pH	GE
2	pH	13	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Specific conductance	65	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	1,060	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	356,000	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)	<1.0	µg/L	GE
0	Chromium	46	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	162	µg/L	GE
0	Iron	9.4	µg/L	GE
2	Lead	52	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	<4.0	µg/L	GE
0	Manganese	<4.0	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
1	Phenols	35	µg/L	GE
0	Potassium	179,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,070	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	134,000	µg/L	GE
0	Sulfate	9,400	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	1.5E+06	µg/L	GE
2	Total organic carbon	10,000	µg/L	GE
0	Total organic halogens	5.8	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
2	Trichlorofluoromethane	50	µg/L	GE
2	Gross alpha	1.5E-08 ± 1.8E-09	µCi/mL	GE

WELL BGX 1A collected on 09/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	9.2E-08 ± 2.6E-08	µCi/mL	GE
0	Total activity	2.2E-04 ± 3.6E-06	µCi/mL	EM
2	Total radium	8.1E-09 ± 2.1E-09	µCi/mL	GE
2	Tritium	1.8E-04 ± 1.9E-06	µCi/mL	GE

WELL BGX 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 Time: 8:45
Depth to water: 74.57 ft (22.73 m) below TOC pH: 11.3
Sp. conductance: 390 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 16 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	280	µS/cm	GE
1	Specific conductance	285	µS/cm	GE
1	Specific conductance	295	µS/cm	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	30,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,500	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	4.6	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)	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	141	µg/L	GE
0	Fluoride	139	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	192	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	790	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	5,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,030	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	59,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	LC
0	Total organic halogens	<5.0	µg/L	LC
0	Total phosphates (as P)	460	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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 ± 2.1E-09	µCi/mL	GE
0	Total activity	1.5E-04 ± 2.9E-06	µCi/mL	EM
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	1.5E-04 ± 1.7E-06	µCi/mL	GE

WELL BGX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 Time: 9:10
Depth to water: 61.78 ft (18.83 m) below TOC pH: 6.7
Sp. conductance: 159 µS/cm Water temperature: 21.9°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	pH	6.7	pH	GE
0	pH	6.7	pH	GE
0	pH	6.8	pH	GE
0	Specific conductance	85	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	7,860	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,000	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	7.2	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)	2.8	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	42	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	650	µg/L	GE
2	Manganese	152	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	600	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	13,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,210	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	88,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	37	µg/L	LC
1	Total organic halogens	40	µg/L	LC
1	Total organic halogens	43	µg/L	LC
1	Total organic halogens	45	µg/L	LC
0	Total phosphates (as P)	410	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	2.2E-04 ± 3.5E-06	µCi/mL	EM
0	Total radium	2.1E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	3.0E-04 ± 2.4E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL BGX 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 — Time: 10:40
Depth to water: 77.56 ft (23.64 m) below TOC — pH: 8.7
Water elevation: 213.74 ft (65.15 m) msl — Alkalinity: 66 mg/L
Sp. conductance: 180 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 52 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
1	pH	8.0	pH	GE
1	pH	8.0	pH	GE
0	Specific conductance	190	µS/cm	GE
0	Specific conductance	195	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	87	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	2,760	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	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	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	906	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	0.23	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	Phenols	<5.0	µg/L	GE
0	Potassium	2,880	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	26,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,210	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	167,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	LC
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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.8E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL BGX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 — Time: 10:25
Depth to water: 74.91 ft (22.83 m) below TOC — pH: 5.4
Water elevation: 216.19 ft (65.90 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 21 gal
The well went dry during purging.

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	Specific conductance	30	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	Calcium	2,700	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)	<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-Dichloropropane	<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	424	µg/L	GE
1	Manganese	30	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,480	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	746	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	2,050	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	41,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	10	µg/L	LC
0	Total organic halogens	11	µg/L	LC
0	Total organic halogens	7.0	µg/L	LC
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
2	Trichloroethylene	6.1	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	1.4E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	9.8E-03 ± 1.4E-06	µCi/mL	GE

WELL BGX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 — Time: 12:05
Depth to water: 75.25 ft (22.94 m) below TOC — pH: 5.4
Water elevation: 215.95 ft (65.82 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 40 gal

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

WELL BGX 3D collected on 08/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.7	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	1,380	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	1.4	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)	1.6	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	Iron	7.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	542	µg/L	GE
1	Manganese	42	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	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	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,860	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,830	µg/L	GE
0	Sulfate	1,440	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
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	LC
0	Total organic halogens	6.0	µg/L	LC
0	Total organic halogens	7.0	µg/L	LC
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	1.2	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	3.3E-04 ± 4.4E-06	µCi/mL	EM
0	Total radium	2.4E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	2.2E-04 ± 2.1E-06	µCi/mL	GE

WELL BGX 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 13:45
Depth to water: 134.95 ft (41.13 m) below TOC — pH: 7.4
Water elevation: 155.95 ft (47.53 m) msl — Alkalinity: 114 mg/L
Sp. conductance: 282 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 130 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
0	pH	7.8	pH	GE
0	pH	7.8	pH	GE
0	pH	7.8	pH	GE
0	Specific conductance	215	µS/cm	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	51,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,030	µg/L	GE

WELL BGX 4A collected on 08/09/91, 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)	2.7	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	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	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	1,650	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	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,920	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	33,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,290	µg/L	GE
0	Sulfate	8,630	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	178,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	38	µg/L	GE
1	Total organic halogens	39	µg/L	GE
1	Total organic halogens	43	µg/L	GE
1	Total organic halogens	46	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGX 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 — Time: 14:10
Depth to water: 74.65 ft (22.75 m) below TOC — pH: 6.4
Water elevation: 216.15 ft (65.88 m) msl — Alkalinity: 41 mg/L
Sp. conductance: 107 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	Specific conductance	90	µS/cm	GE
0	Specific conductance	95	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.6	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	16,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,540	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	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 BGX 4C collected on 08/09/91, 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	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	147	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	1,180	µg/L	GE
0	Manganese	6.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	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	9,770	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,860	µg/L	GE
0	Sulfate	1,870	µg/L	GE
0	Sulfate	1,910	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	17,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	LC
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	1.4	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 ± 2.4E-09	µCi/mL	GE
0	Tritium	2.5E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	2.7E-06 ± 3.0E-07	µCi/mL	GE

WELL BGX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 — Time: 13:25
Depth to water: 73.68 ft (22.46 m) below TOC — pH: 5.4
Water elevation: 217.22 ft (66.21 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 36 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	5.9	pH	GE
0	Specific conductance	35	µS/cm	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	1,780	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	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	8.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	502	µg/L	GE

WELL BGX 4D collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Manganese	46	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,380	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	8,540	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,600	µg/L	GE
0	Sulfate	1,240	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	38,000	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	LC
0	Total organic halogens	6.0	µg/L	LC
0	Total organic halogens	7.0	µg/L	LC
0	Total organic halogens	<5.0	µg/L	LC
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	2,4,5-TP (Silvex)	<0.090	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	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
2	Tritium	1.4E-04 ± 1.6E-06	µCi/mL	GE

WELL BGX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 — Time: 13:05
Depth to water: 74.04 ft (22.57 m) below TOC — pH: 5.3
Water elevation: 210.96 ft (64.30 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 62 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 43 gal

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	Specific conductance	50	µS/cm	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	1,870	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	6.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	770	µg/L	GE
2	Manganese	460	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	700	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	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,980	µg/L	GE
0	Sulfate	12,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

WELL BGX 5D collected on 08/07/91, 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	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	10	µg/L	LC
0	Total organic halogens	8.0	µg/L	LC
0	Total organic halogens	7.0	µg/L	LC
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	1.2	µg/L	GE
2	Trichlorofluoromethane	11	µg/L	GE
2	Gross alpha	2.6E-08 ± 4.0E-09	µCi/mL	GE
1	Nonvolatile beta	4.6E-08 ± 5.2E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	8.2E-06 ± 4.0E-07	µCi/mL	GE

WELL BGX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 Time: 13:50
Depth to water: 69.08 ft (21.05 m) below TOC pH: 6.3
Sp. conductance: 81 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	pH	6.8	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Specific conductance	65	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	9,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,300	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	3.4	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)	4.4	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	118	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	478	µg/L	GE
2	Manganese	251	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	860	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	679	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	3,490	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	51,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	LC
0	Total organic halogens	9.0	µg/L	LC
0	Total phosphates (as P)	420	µg/L	GE
0	Total phosphates (as P)	420	µg/L	GE
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
2	Trichlorofluoromethane	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL BGX 6D collected on 08/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	4.4E-06 ± 1.5E-06	µCi/mL	EM
0	Total radium	1.7E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	3.8E-06 ± 3.0E-07	µCi/mL	GE

WELL BGX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 Time: 14:05
Depth to water: 71.42 ft (21.77 m) below TOC
Inaccessibility or pump failure prevented sample collection.

WELL BGX 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 Time: 14:35
Depth to water: 70.72 ft (21.56 m) below TOC pH: 5.7
Sp. conductance: 48 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 65 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	pH	6.2	pH	GE
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Specific conductance	50	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	4,310	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.2	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	33	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	587	µg/L	GE
1	Manganese	43	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	1,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,010	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	3,020	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	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	LC
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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.0E-09	µCi/mL	GE

WELL BGX 8D collected on 08/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total activity	1.0E-03 ± 7.4E-06	µCi/mL	EM
0	Total radium	1.9E-09 ± 3.4E-09	µCi/mL	GE
2	Tritium	1.0E-03 ± 4.5E-06	µCi/mL	GE

WELL BGX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 Time: 12:35
Depth to water: 51.86 ft (15.81 m) below TOC pH: 5.2
Water elevation: 227.54 ft (69.36 m) msl Alkalinity: 1 mg/L
Sp. conductance: 25 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	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	1,170	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	<0.0060	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	400	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	Nitrate as nitrogen	1,070	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	6,380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,230	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	35,000	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.4E-09 ± 3.5E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL BGX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 Time: 12:35
Depth to water: 51.86 ft (15.81 m) below TOC pH: 5.2
Water elevation: 227.54 ft (69.36 m) msl Alkalinity: 1 mg/L
Sp. conductance: 25 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	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	1,240	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)	3.3	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	399	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	Nitrate as nitrogen	960	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	6,340	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,210	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	19,000	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	25	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	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
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE

WELL BGX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 Time: 9:55
Depth to water: 50.30 ft (15.33 m) below TOC pH: 5.8
Water elevation: 226.60 ft (69.07 m) msl Alkalinity: 5 mg/L
Sp. conductance: 32 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 4 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.8	µg/L	GE

WELL BGX 10D collected on 08/07/91, 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	1,230	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	81	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	452	µg/L	GE
2	Manganese	107	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	7,800	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	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	46,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	LC
0	Total organic halogens	7.0	µg/L	LC
0	Total organic halogens	8.0	µg/L	LC
0	Total organic halogens	<5.0	µg/L	LC
0	Total phosphates (as P)	670	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	3.7E-09 ± 3.3E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL BGX 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91
Depth to water: 39.10 ft (11.92 m) below TOC
Water elevation: 239.00 ft (71.93 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 164 gal
Time: 9:10
pH: 5.7
Alkalinity: 5 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.9	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	30	µS/cm	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	Calcium	675	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,600	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	Chloroform	<1.0	µg/L	GE

WELL BGX 12C collected on 08/07/91, 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)	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	<0.0080	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	Lindane	<0.0050	µg/L	GE
0	Magnesium	254	µg/L	GE
0	Manganese	25	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	220	µg/L	GE
0	Nitrate as nitrogen	220	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	5,300	µg/L	GE
0	Sulfate	4,390	µg/L	GE
0	Sulfate	4,290	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	41,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	13	µg/L	LC
0	Total organic halogens	5.0	µg/L	LC
0	Total organic halogens	7.0	µg/L	LC
0	Total organic halogens	<5.0	µg/L	LC
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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.6E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BGX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91
Depth to water: 34.43 ft (10.49 m) below TOC
Water elevation: 240.77 ft (73.39 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 9:25
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 19.9°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	5.7	pH	GE
0	Specific conductance	25	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	1,340	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)	<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

ANALYTICAL RESULTS

WELL BGX 12D collected on 08/07/91, 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	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	478	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	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	5,550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,380	µg/L	GE
0	Sulfate	1,750	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 dissolved solids	14,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	LC
0	Total organic halogens	9.0	µg/L	LC
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	12	µg/L	GE
0	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	3.8E-09 ± 4.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.5E-09	µCi/mL	GE
2	Tritium	2.6E-05 ± 7.0E-07	µCi/mL	GE
2	Tritium	2.6E-05 ± 7.0E-07	µCi/mL	GE

WELL BRD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 39.21 ft (11.95 m) below TOC
Water elevation: 166.59 ft (50.78 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 48 gal
Time: 10:45
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 22.3°C

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	9.7	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	629	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)	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	Iron	54	µg/L	GE
1	Lead	8.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	350	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	9.3	µg/L	GE
0	Nitrate as nitrogen	980	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL BRD 1 collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,070	µg/L	GE
0	Sulfate	1,310	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	41,000	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 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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BRD 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 38.70 ft (11.80 m) below TOC
Water elevation: 168.60 ft (51.39 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 52 gal
Time: 11:55
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 23.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	30	µS/cm	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	1,430	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)	2.9	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	<100	µg/L	GE
0	Iron	46	µg/L	GE
2	Lead	48	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	411	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	Nickel	5.0	µg/L	GE
0	Nitrate as nitrogen	1,570	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	10,000	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	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 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	Toxaphene	<0.24	µg/L	GE

WELL BRD 2 collected on 08/22/91, 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	2.1	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 ± 2.5E-09	µCi/mL	GE
0	Tritium	9.0E-07 ± 2.0E-07	µCi/mL	GE

WELL BRD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 12:10
The well was dry.

WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 11:25
Depth to water: 32.07 ft (9.78 m) below TOC pH: 4.9
Water elevation: 165.83 ft (50.55 m) msl Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm Water temperature: 23.5°C
Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.3	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	882	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,270	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.3	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	421	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	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	8,740	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,190	µg/L	GE
0	Sulfate	1,690	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.4	µg/L	GE
0	Total dissolved solids	35,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.8	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

WELL BRD 4 collected on 08/22/91, 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
2	Total radium	6.1E-09 ± 5.1E-09	µCi/mL	GE
0	Tritium	2.1E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.1E-06 ± 3.0E-07	µCi/mL	GE

WELL BRD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 10:00
Depth to water: 39.02 ft (11.89 m) below TOC pH: 5.7
Water elevation: 165.98 ft (50.59 m) msl Alkalinity: 8 mg/L
Sp. conductance: 37 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.5	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	1,880	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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	<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	Lithium	<5.0	µg/L	GE
0	Magnesium	411	µg/L	GE
0	Manganese	9.1	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	1,510	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	683	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,710	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	<1,000	µg/L	GE
2	Total organic halogens	128	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL BRD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 — Time: 10:00
Depth to water: 39.02 ft (11.89 m) below TOC — pH: 5.7
Water elevation: 165.98 ft (50.58 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	35	µS/cm	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	Calcium	2,000	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.8	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	<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	422	µg/L	GE
0	Manganese	9.7	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	1,540	µg/L	GE
2	Phenols	85	µg/L	GE
2	Phenols	85	µg/L	GE
0	Potassium	732	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	2,770	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 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)	<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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BRR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91 — Time: 10:45
Depth to water: 80.36 ft (24.49 m) below TOC — pH: 5.9
Water elevation: 215.54 ft (65.70 m) msl — Alkalinity: 20 mg/L
Sp. conductance: 65 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE

WELL BRR 1D collected on 08/26/91, 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	Carbon disulfide	<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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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
1	Iron	240	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Manganese	54	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	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 organic carbon	<1,000	µg/L	GE
2	Total organic halogens	5,080	µg/L	GE
0	Total phosphates (as P)	<100	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	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.9E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL BRR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91 — Time: 9:20
Depth to water: 77.38 ft (23.59 m) below TOC — pH: 6.1
Water elevation: 214.52 ft (65.39 m) msl — Alkalinity: 36 mg/L
Sp. conductance: 104 µS/cm — Water temperature: 21.5°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	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	Carbon disulfide	<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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Manganese	59	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	Sulfide	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

WELL BRR 2D collected on 08/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	104	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	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.0E-09 ± 2.3E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	1.8E-04 ± 1.9E-06	µCi/mL	GE

WELL BRR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 77.63 ft (23.66 m) below TOC
Water elevation: 214.07 ft (65.25 m) msl
Sp. conductance: 114 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 9:40
pH: 5.5
Alkalinity: 12 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	105	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 disulfide	<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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	Iron	26	µg/L	GE
2	Lead	16	µg/L	GE
2	Manganese	86	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	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 organic carbon	<1,000	µg/L	GE
1	Total organic halogens	31	µg/L	GE
1	Total organic halogens	33	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	2.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	3.5E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 2.9E-09	µCi/mL	GE
2	Total radium	7.0E-09 ± 4.6E-09	µCi/mL	GE
2	Tritium	2.6E-04 ± 2.3E-06	µCi/mL	GE

WELL BRR 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 78.17 ft (23.83 m) below TOC
Water elevation: 214.03 ft (65.24 m) msl
Sp. conductance: 160 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 10:10
pH: 6.3
Alkalinity: 62 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.4	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 disulfide	<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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	1,2-Dichloropropane	<1.0	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	Iron	156	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Manganese	27	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	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 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	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	5.2E-09 ± 2.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.3E-04 ± 1.8E-06	µCi/mL	GE

WELL BRR 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 80.93 ft (24.67 m) below TOC
Water elevation: 213.67 ft (65.13 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 10:25
pH: 5.5
Alkalinity: 8 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	55	µS/cm	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 disulfide	<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	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 BRR 5D collected on 08/26/91, 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	1,2-Dichloropropane	<1.0	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	Iron	39	µg/L	GE
0	Lead	5.1	µg/L	GE
0	Manganese	22	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	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 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	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.6E-06 ± 4.0E-07	µCi/mL	GE

WELL CBR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 47.96 ft (14.62 m) below TOC
Water elevation: 252.64 ft (77.01 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 56 gal

Time: 11:45
pH: 5.5
Alkalinity: 8 mg/L
Water temperature: 23.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	30	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	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)	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	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 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	6.6E-06 ± 4.0E-07	µCi/mL	GE

WELL CBR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 48.79 ft (14.87 m) below TOC
Water elevation: 252.11 ft (76.84 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 48 gal

Time: 6:35
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.5°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	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	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	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
1	Total organic halogens	47	µg/L	GE
0	Total phosphates (as P)	<100	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
1	Total radium	3.2E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	9.9E-06 ± 5.0E-07	µCi/mL	GE
0	Tritium	9.8E-06 ± 5.0E-07	µCi/mL	GE

WELL CBR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 49.82 ft (15.19 m) below TOC
Water elevation: 251.98 ft (76.80 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 48 gal

Time: 6:45
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	35	µS/cm	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	1,2-Dichloropropane	<1.0	µg/L	GE

WELL CBR 3D collected on 08/19/91, 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	Lead	3.5	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	<1.0	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)	<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
2	Total radium	1.9E-08 ± 8.4E-09	µCi/mL	GE
0	Tritium	4.0E-08 ± 3.0E-07	µCi/mL	GE

WELL CCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 55.94 ft (17.05 m) below TOC
Water elevation: 222.66 ft (67.87 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 64 gal
Time: 14:40
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 25.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<100	µg/L	GE

WELL CCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 51.93 ft (15.83 m) below TOC
Water elevation: 218.47 ft (66.59 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 52 gal
Time: 14:55
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 25.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<100	µg/L	GE

WELL CCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 44.16 ft (13.46 m) below TOC
Water elevation: 223.24 ft (68.04 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 48 gal
Time: 15:25
pH: 4.8
Alkalinity: 2 mg/L
Water temperature: 23.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<100	µg/L	GE

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 59.12 ft (18.02 m) below TOC
Water elevation: 223.88 ft (68.24 m) msl
Sp. conductance: 13 µS/cm
Water evacuated before sampling: 32 gal
Time: 16:00
pH: 5.1
Alkalinity: 3 mg/L
Water temperature: 25.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<100	µg/L	GE

WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 73.75 ft (22.48 m) below TOC
Water elevation: 215.15 ft (65.58 m) msl
Sp. conductance: 69 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.
Time: 11:55
pH: 5.4
Alkalinity: 14 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	378	µg/L	GE
2	Lead	177	µg/L	GE
2	Manganese	67	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Tritium	2.6E-04 ± 2.3E-06	µCi/mL	GE

WELL CDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 73.04 ft (22.26 m) below TOC
Water elevation: 215.56 ft (65.70 m) msl
Sp. conductance: 117 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 11:45
pH: 5.8
Alkalinity: 24 mg/L
Water temperature: 23.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	68	µg/L	GE
1	Lead	11	µg/L	GE
1	Manganese	27	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total activity	4.4E-04 ± 4.8E-06	µCi/mL	EM
2	Tritium	4.6E-04 ± 3.0E-06	µCi/mL	GE

WELL CMP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 24.21 ft (7.38 m) below TOC
Water elevation: 204.39 ft (62.30 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 56 gal
Time: 7:35
pH: 5.3
Alkalinity: 5 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.7	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	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	Iron	5.3	µg/L	GE
1	Lead	15	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Manganese	7.8	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
1	Total organic halogens	26	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE

WELL CMP 8 collected on 08/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	2.2E-06 ± 2.0E-07	µCi/mL	GE

WELL CMP 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 46.18 ft (14.07 m) below TOC
Water elevation: 183.54 ft (55.94 m) msl
Sp. conductance: 120 µS/cm
Water evacuated before sampling: 444 gal

Time: 8:30
pH: 6.4
Alkalinity: 40 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Aluminum	<20	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	Iron	229	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Manganese	16	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
2	Total organic halogens	72	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	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	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: 08/19/91
Depth to water: 30.45 ft (9.28 m) below TOC
Water elevation: 199.05 ft (60.67 m) msl
Sp. conductance: 126 µS/cm
Water evacuated before sampling: 140 gal

Time: 8:15
pH: 6.9
Alkalinity: 61 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	Aluminum	<20	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	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.3	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	Iron	<4.0	µg/L	GE
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	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	24	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	710	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	1.7E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 120.01 ft (36.58 m) below TOC
Water elevation: 195.09 ft (59.46 m) msl
Sp. conductance: 154 µS/cm
Water evacuated before sampling: 120 gal

Time: 10:00
pH: 6.7
Alkalinity: 79 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.6	pH	GE
0	Aluminum	<20	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	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

WELL CMP 9B collected on 08/19/91, 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	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	Iron	<4.0	µg/L	GE
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	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
2	Total organic halogens	352	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	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	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: 08/20/91
Depth to water: 120.01 ft (36.58 m) below TOC
Water elevation: 190.89 ft (58.18 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 84 gal
Time: 12:05
pH: 4.9
Alkalinity: 2 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Aluminum	<20	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	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)	2.0	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	Iron	14	µg/L	GE
0	Lead	4.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Manganese	7.4	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	MS
0	Total petroleum hydrocarbons	<1,000	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

WELL CMP 10 collected on 08/20/91, 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
1	Total radium	4.0E-09 ± 4.3E-09	µCi/mL	GE
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	GE

WELL CMP 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 115.15 ft (35.10 m) below TOC
Water elevation: 195.65 ft (59.63 m) msl
Sp. conductance: 196 µS/cm
Water evacuated before sampling: 152 gal
Time: 7:10
pH: 7.7
Alkalinity: 99 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
0	Aluminum	<20	µg/L	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	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)	4.0	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	Iron	<4.0	µg/L	GE
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	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	MS
0	Total petroleum hydrocarbons	<1,000	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	2,4,5-TP (Silvex)	<0.090	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	1.2E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 115.15 ft (35.10 m) below TOC
Water elevation: 195.65 ft (59.63 m) msl
Sp. conductance: 196 µS/cm
Water evacuated before sampling: 152 gal
Time: 7:10
pH: 7.7
Alkalinity: 99 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL CMP 10B collected on 08/20/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	2.2	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	Iron	<4.0	µg/L	GE
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	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	6.0	µg/L	MS
0	Total petroleum hydrocarbons	<1,000	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 98.05 ft (29.89 m) below TOC
Water elevation: 212.45 ft (64.76 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging

Time: 7:35
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Aluminum	<20	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	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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)	4.0	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	Iron	4.0	µg/L	GE
0	Lead	6.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

WELL CMP 11 collected on 08/20/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Manganese	3.6	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	MS
0	Total petroleum hydrocarbons	<1,000	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 2.0E-09	µCi/mL	GE
1	Total radium	4.2E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE

WELL CMP 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 114.32 ft (34.85 m) below TOC
Water elevation: 195.88 ft (59.70 m) msl
Sp. conductance: 185 µS/cm
Water evacuated before sampling: 148 gal

Time: 12:40
pH: 7.7
Alkalinity: 102 mg/L
Water temperature: 23.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
0	Aluminum	<20	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	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	Iron	<4.0	µg/L	GE
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	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	MS
0	Total petroleum hydrocarbons	<1,000	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 72.31 ft (22.04 m) below TOC
Water elevation: 210.58 ft (64.18 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging

Time: 8:05
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Aluminum	<20	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	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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)	4.0	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	Iron	21	µg/L	GE
1	Lead	7.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Manganese	6.6	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	69	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	99	µg/L	MS
0	Total petroleum hydrocarbons	<1,000	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	48	µg/L	GE
2	Trichlorofluoromethane	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	1.7E-06 ± 2.0E-07	µCi/mL	GE

WELL CMP 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 101.86 ft (31.05 m) below TOC
Water elevation: 182.24 ft (55.55 m) msl
Sp. conductance: 168 µS/cm
Water evacuated before sampling: 420 gal

Time: 15:30
pH: 6.6
Alkalinity: 70 mg/L
Water temperature: 26.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Aluminum	<20	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	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 CMP 12A collected on 08/20/91, 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	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	Iron	166	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
2	Manganese	99	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
1	1,1,2,2-Tetrachloroethane	5.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
2	Total organic carbon	16,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	MS
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	290	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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 ± 1.9E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 88.48 ft (26.97 m) below TOC
Water elevation: 195.42 ft (59.56 m) msl
Sp. conductance: 178 µS/cm
Water evacuated before sampling: 120 gal

Time: 15:05
pH: 7.4
Alkalinity: 87 mg/L
Water temperature: 24.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Aluminum	<20	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	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)	2.0	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	Iron	<4.0	µg/L	GE
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	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	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	12	µg/L	MS
0	Total petroleum hydrocarbons	<1,000	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

ANALYTICAL RESULTS

WELL CMP 12B collected on 08/20/91, 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
1	Trichloroethylene	4.0	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	1.1E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 81.18 ft (24.74 m) below TOC
Water elevation: 208.02 ft (63.41 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 8:30
pH: 6.2
Alkalinity: 14 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Aluminum	<20	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	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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
2	1,2-Dichloroethane	98	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	30	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
2	Iron	387	µg/L	GE
1	Lead	8.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Manganese	18	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	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	169	µg/L	MS
0	Total petroleum hydrocarbons	<1,000	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
1	Trichloroethylene	3.0	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 ± 2.1E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	9.2E-07 ± 2.0E-07	µCi/mL	GE

WELL CMP 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 93.84 ft (28.60 m) below TOC
Water elevation: 195.26 ft (59.52 m) msl
Sp. conductance: 156 µS/cm
Water evacuated before sampling: 160 gal

Time: 16:25
pH: 9.1
Alkalinity: 98 mg/L
Water temperature: 24.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.0	pH	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE

WELL CMP 13B collected on 08/20/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	4.2	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	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	Iron	<4.0	µg/L	GE
0	Lead	3.2	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	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	MS
0	Total petroleum hydrocarbons	<1,000	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 69.76 ft (21.26 m) below TOC
Water elevation: 194.74 ft (59.36 m) msl
Sp. conductance: 176 µS/cm
Water evacuated before sampling: 172 gal

Time: 11:10
pH: 7.8
Alkalinity: 80 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	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	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

WELL CMP 14B collected on 08/19/91, 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	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	14	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	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	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 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 58.38 ft (17.79 m) below TOC
Water elevation: 205.72 ft (62.70 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 56 gal

Time: 11:00
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Aluminum	<20	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	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	Iron	39	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Manganese	3.3	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	7.2	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	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	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-08 ± 3.0E-07	µCi/mL	GE

WELL CMP 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 95.08 ft (28.98 m) below TOC
Water elevation: 181.42 ft (55.30 m) msl
Sp. conductance: 86 µS/cm
Water evacuated before sampling: 440 gal

Time: 14:05
pH: 6.1
Alkalinity: 30 mg/L
Water temperature: 27.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	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	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)	2.0	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	Iron	273	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
1	Manganese	38	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	11	µg/L	MS
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	440	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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 ± 2.0E-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: 08/20/91
Depth to water: 71.84 ft (21.90 m) below TOC
Water elevation: 204.56 ft (62.35 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 25 gal
The well went dry during purging.

Time: 9:10
pH: 6.5
Alkalinity: 38 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Aluminum	44	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	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

ANALYTICAL RESULTS

WELL CMP 15B collected on 08/20/91, 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)	2.7	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	Ethylbenzene	<1.0	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	Manganese	<2.0	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	18	µg/L	MS
0	Total petroleum hydrocarbons	1,100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-09 ± 2.3E-09	µCi/mL	GE
1	Total radium	4.3E-09 ± 4.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 37.18 ft (11.33 m) below TOC
Water elevation: 239.84 ft (73.10 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 33 gal
The well went dry during purging.

Time: 9:30
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Aluminum	<20	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	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)	2.4	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	Iron	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Manganese	4.9	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	6.0	µg/L	MS
0	Total petroleum hydrocarbons	<1,000	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

WELL CMP 15C collected on 08/20/91, 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	<2.0E-09	µCi/mL	GE
1	Total radium	3.5E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	2.2E-06 ± 3.0E-07	µCi/mL	GE

WELL CMP 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 122.07 ft (37.21 m) below TOC
Water elevation: 195.63 ft (59.63 m) msl
Sp. conductance: 191 µS/cm
Water evacuated before sampling: 144 gal

Time: 11:35
pH: 7.7
Alkalinity: 105 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
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	4.3	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)	2.4	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	Iron	<4.0	µg/L	GE
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	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	10	µg/L	MS
0	Total petroleum hydrocarbons	<1,000	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	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	<7.0E-07	µCi/mL	GE

WELL CMP 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
The well was dry.

Time: 10:15

WELL CRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 67.18 ft (20.48 m) below TOC
Water elevation: 207.42 ft (63.22 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 52 gal

Time: 13:10
pH: 5.9
Alkalinity: 17 mg/L
Water temperature: 24.7°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	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)	4.0	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	Phenols	<5.0	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
2	Total organic halogens	55	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
2	Trichloroethylene	900	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
2	Tritium	2.1E-05 ± 7.0E-07	µCi/mL	GE

WELL CRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 72.69 ft (22.16 m) below TOC
Water elevation: 206.01 ft (62.79 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 88 gal

Time: 13:45
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 26.0°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	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)	7.0	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	Phenols	<5.0	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 halogens	<5.0	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	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
2	Tritium	1.8E-04 ± 1.9E-06	µCi/mL	GE

WELL CRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 60.86 ft (18.55 m) below TOC
Water elevation: 206.84 ft (63.05 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 68 gal

Time: 14:15
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 25.2°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	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	Phenols	<5.0	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 halogens	<5.0	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
1	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	Tritium	1.9E-05 ± 6.0E-07	µCi/mL	GE

WELL CSA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: 50.88 ft (15.51 m) below TOC
Water elevation: 239.92 ft (73.13 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 20 gal

Time: 6:30
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	<4.0	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	1.9E-09 ± 2.7E-09	µCi/mL	GE

WELL CSA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: 49.54 ft (15.10 m) below TOC
Water elevation: 240.56 ft (73.32 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 60 gal

Time: 6:40
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	5.8	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	1.6E-09 ± 2.7E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL CSA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: 48.54 ft (14.80 m) below TOC
Water elevation: 240.86 ft (73.42 m) msl
Sp. conductance: 46 µS/cm
Water evacuated before sampling: 60 gal
Time: 7:40
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	11	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	2.1E-09 ± 3.5E-09	µCi/mL	GE

WELL CSA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: 50.79 ft (15.48 m) below TOC
Water elevation: 239.61 ft (73.03 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 56 gal
Time: 7:20
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	8.3	µg/L	GE
0	Manganese	2.7	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
1	Total radium	2.5E-09 ± 3.0E-09	µCi/mL	GE

WELL CSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 81.83 ft (24.94 m) below TOC
Water elevation: 209.97 ft (64.00 m) msl
Sp. conductance: 193 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 7:40
pH: 8.6
Alkalinity: 52 mg/L
Water temperature: 22.2°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
1	Chromium	61	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
2	1,2-Dichloroethane	5.0	µg/L	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	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Nickel	<4.0	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	42	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	Total radium	1.6E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	8.9E-04 ± 4.4E-06	µCi/mL	GE

WELL CSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 76.23 ft (23.24 m) below TOC
Water elevation: 208.67 ft (63.60 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 18 gal
The well went dry during purging.
Time: 8:55
pH: 8.7
Alkalinity: 19 mg/L
Water temperature: 22.0°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	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)	<1.0	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	Iron	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Nickel	<4.0	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
2	Total organic halogens	431	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	Total activity	1.1E-02 ± 7.6E-05	µCi/mL	EM
2	Tritium	8.9E-03 ± 1.3E-05	µCi/mL	GE

WELL CSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 76.86 ft (23.37 m) below TOC
Water elevation: 208.44 ft (63.53 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 56 gal
Time: 8:30
pH: 5.1
Alkalinity: 5 mg/L
Water temperature: 22.1°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	Copper	9.3	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	1,2-Dichloropropane	<1.0	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	13	µg/L	GE
0	Nickel	<4.0	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 halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	160	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL CSB 4A collected on 08/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Total activity	5.8E-02 ± 5.6E-04	µCi/mL	EM
2	Tritium	5.3E-02 ± 3.2E-05	µCi/mL	GE

WELL CSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 73.99 ft (22.55 m) below TOC
Water elevation: 208.81 ft (63.65 m) msl
Sp. conductance: 86 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 7:30
pH: 9.6
Alkalinity: 38 mg/L
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	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	1,2-Dichloropropane	<1.0	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	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Nickel	<4.0	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 halogens	19	µg/L	GE
0	Total organic halogens	16	µg/L	GE
0	Total phosphates (as P)	<100	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	Total activity	2.4E-03 ± 3.7E-05	µCi/mL	EM
2	Tritium	2.1E-03 ± 6.3E-06	µCi/mL	GE

WELL CSD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 72.86 ft (22.21 m) below TOC
Water elevation: 242.54 ft (73.93 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 11 gal

Time: 7:35
pH: 5.5
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	627	µg/L	GE
0	Dissolved organic carbon	3,000	µg/L	GE
0	Iron	5.8	µg/L	GE
0	Magnesium	322	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	1,520	µg/L	GE
0	Silica	50,800	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total petroleum hydrocarbons	1,100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Total radium	1.0E-08 ± 6.0E-09	µCi/mL	GE

WELL CSD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

Time: 5:50
pH: 5.6
Alkalinity: 5 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	6.1E-07 ± 1.4E-06	µCi/mL	EM

WELL CSD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 67.48 ft (20.56 m) below TOC
Water elevation: 241.04 ft (73.47 m) msl
Sp. conductance: 142 µS/cm
Water evacuated before sampling: 56 gal
The well went dry during purging.

Time: 6:05
pH: 10.4
Alkalinity: 73 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	10,500	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Iron	4.3	µg/L	GE
0	Magnesium	508	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	8,550	µg/L	GE
0	Silica	43,200	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL CSD 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 63.09 ft (19.23 m) below TOC
Water elevation: 240.81 ft (73.40 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 36 gal

Time: 7:40
pH: 5.0
Alkalinity: 3 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	631	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Iron	9.8	µg/L	GE
0	Magnesium	407	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	978	µg/L	GE
0	Silica	11,300	µg/L	GE
0	Sulfide	<1,000	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)	<100	µg/L	GE
1	Total radium	3.4E-09 ± 3.4E-09	µCi/mL	GE

WELL CSD 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 57.23 ft (17.44 m) below TOC
Water elevation: 240.97 ft (73.45 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 40 gal

Time: 8:15
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	222	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Iron	90	µg/L	GE
0	Magnesium	297	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	1,280	µg/L	GE
0	Silica	18,800	µg/L	GE
0	Sulfide	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL CSD 9D collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	1,390	µg/L	GE
0	Total radium	1.4E-09 ± 2.7E-09	µCi/mL	GE

WELL CSD 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 55.93 ft (17.05 m) below TOC
Water elevation: 240.67 ft (73.36 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 44 gal
Time: 8:30
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	193	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Iron	88	µg/L	GE
0	Magnesium	247	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	1,230	µg/L	GE
0	Silica	18,900	µg/L	GE
0	Sulfide	<1,000	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)	1,560	µg/L	GE
0	Total phosphates (as P)	1,440	µg/L	GE
1	Total radium	2.8E-09 ± 3.2E-09	µCi/mL	GE

WELL CSD 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 52.87 ft (16.11 m) below TOC
Water elevation: 240.13 ft (73.19 m) msl
Sp. conductance: 245 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.
Time: 6:30
pH: 6.6
Alkalinity: 115 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	41,500	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Magnesium	1,570	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	1,640	µg/L	GE
0	Silica	26,600	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	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)	650	µg/L	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 60.43 ft (18.42 m) below TOC
Water elevation: 241.17 ft (73.51 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 44 gal
Time: 9:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	962	µg/L	GE
0	Dissolved organic carbon	1,000	µg/L	GE
0	Iron	11	µg/L	GE
0	Magnesium	705	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	597	µg/L	GE
0	Silica	8,030	µg/L	GE
0	Sulfide	<1,000	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)	180	µg/L	GE
1	Total radium	3.3E-09 ± 3.3E-09	µCi/mL	GE

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 60.43 ft (18.42 m) below TOC
Water elevation: 241.17 ft (73.51 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 44 gal
Time: 9:15
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Calcium	956	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Iron	12	µg/L	GE
0	Magnesium	704	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	591	µg/L	GE
0	Silica	8,060	µg/L	GE
0	Sulfide	<1,000	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)	180	µg/L	GE
1	Total radium	2.5E-09 ± 3.1E-09	µCi/mL	GE

WELL CSD 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 49.63 ft (15.13 m) below TOC
Water elevation: 239.87 ft (73.11 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 220 gal
Time: 9:55
pH: 5.2
Alkalinity: 7 mg/L
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	Calcium	543	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)	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	Dissolved organic carbon	1,000	µg/L	GE
0	Dissolved organic carbon	1,000	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	74	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	690	µg/L	GE
0	Silica	12,900	µg/L	GE
0	Sulfide	<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 organic carbon	1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	3,160	µg/L	GE
0	Total phosphates (as P)	3,140	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
1	Trichlorofluoromethane	6.8	µg/L	GE
0	Total radium	1.2E-09 ± 2.6E-09	µCi/mL	GE

WELL CSO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 51.90 ft (15.82 m) below TOC
Water elevation: 252.00 ft (76.81 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 52 gal
Time: 15:00
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 23.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Tritium	3.8E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	4.4E-06 ± 3.0E-07	µCi/mL	GE

WELL CSO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 51.61 ft (15.73 m) below TOC
Water elevation: 250.29 ft (76.29 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 108 gal
Time: 14:40
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 25.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Tritium	3.8E-06 ± 3.0E-07	µCi/mL	GE

WELL CSR 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 16.30 ft (4.97 m) below TOC
Water elevation: 257.80 ft (78.58 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 56 gal
Time: 12:20
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	143	µg/L	GE
0	Nickel	11	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	Gross alpha	<2.0E-09	µCi/mL	GE

WELL CSR 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 23.64 ft (7.21 m) below TOC
Water elevation: 274.06 ft (83.53 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 52 gal
The well went dry during purging.
Time: 9:05
pH: 4.9
Alkalinity: 2 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Iron	208	µg/L	GE
0	Nickel	5.4	µg/L	GE
1	Total organic halogens	37	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL CSR 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 26.97 ft (8.22 m) below TOC
Water elevation: 258.23 ft (78.71 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 52 gal
Time: 11:35
pH: 5.1
Alkalinity: 3 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	44	µg/L	GE
0	Nickel	4.3	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	Gross alpha	<2.0E-09	µCi/mL	GE

WELL CSR 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 26.17 ft (7.98 m) below TOC
Water elevation: 258.53 ft (78.80 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 56 gal
Time: 12:00
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 23.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	14	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL DBP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 15.87 ft (4.84 m) below TOC
Water elevation: 119.33 ft (36.37 m) msl
Sp. conductance: 62 µS/cm
Water evacuated before sampling: 69 gal
Time: 13:00
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	72	µg/L	GE
0	Manganese	25	µg/L	GE
0	Sulfate	2,260	µg/L	GE

WELL DBP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 9.50 ft (2.90 m) below TOC
Water elevation: 116.80 ft (35.60 m) msl
Sp. conductance: 171 µS/cm
Water evacuated before sampling: 85 gal
Time: 13:30
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	84	µg/L	GE
2	Manganese	230	µg/L	GE
0	Sulfate	39,900	µg/L	GE

WELL DBP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 9.04 ft (2.76 m) below TOC
Water elevation: 119.26 ft (36.35 m) msl
Sp. conductance: 56 µS/cm
Water evacuated before sampling: 86 gal
Time: 12:35
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	97	µg/L	GE
1	Manganese	43	µg/L	GE
0	Sulfate	10,800	µg/L	GE

WELL DBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 8.38 ft (2.55 m) below TOC
Water elevation: 117.82 ft (35.91 m) msl
Sp. conductance: 101 µS/cm
Water evacuated before sampling: 88 gal
Time: 12:05
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	468	µg/L	GE
2	Manganese	499	µg/L	GE
0	Sulfate	24,100	µg/L	GE
0	Sulfate	26,900	µg/L	GE

ANALYTICAL RESULTS

WELL DCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91 — Time: 12:45
Depth to water: 8.33 ft (2.54 m) below TOC — pH: 5.0
Water elevation: 125.97 ft (38.40 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	36	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	42	µg/L	GE
2	Lead	20	µg/L	GE
0	Lithium	<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	Selenium	<2.0	µg/L	GE
0	Sulfate	1,160	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	438	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.2	µg/L	GE
0	Zinc	32	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 1.9E-09	µCi/mL	GE
1	Total radium	3.4E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

WELL DCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91 — Time: 12:45
Depth to water: 8.33 ft (2.54 m) below TOC — pH: 5.0
Water elevation: 125.97 ft (38.40 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	30	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	39	µg/L	GE
2	Lead	20	µg/L	GE
0	Lithium	<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	Selenium	<2.0	µg/L	GE
0	Sulfate	1,390	µg/L	GE
0	Tetrachloroethylene	<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 phosphates (as P)	100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.5	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
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

WELL DCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91 — Time: 12:20
Depth to water: 11.46 ft (3.49 m) below TOC — pH: 5.1
Water elevation: 121.54 ft (37.05 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	309	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
1	Manganese	36	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Sulfate	9,030	µg/L	GE
0	Tetrachloroethylene	<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	5.6	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	2.8	µg/L	GE
0	Zinc	10.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL DCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91 — Time: 11:55
Depth to water: 9.44 ft (2.88 m) below TOC — pH: 4.1
Water elevation: 120.06 ft (36.59 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 665 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Aluminum	7,460	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Beryllium	<10	µg/L	GE
0	Cadmium	<4.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<8.0	µg/L	GE
2	Cobalt	78	µg/L	GE
0	Fluoride	1,740	µg/L	GE
0	Iron	39	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Lithium	40	µg/L	GE
2	Manganese	1,180	µg/L	GE
0	Mercury	<0.20	µg/L	GE
2	Nickel	149	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Sulfate	2,390	µg/L	GE
0	Tetrachloroethylene	<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 phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.2	µg/L	GE
0	Zinc	389	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.0E-09 ± 8.2E-09	µCi/mL	GE
2	Total radium	7.3E-09 ± 4.5E-09	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

WELL DCB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: 3.13 ft (0.95 m) below TOC
Water elevation: 119.77 ft (36.51 m) msl
Sp. conductance: 902 µS/cm
Water evacuated before sampling: 89 gal

Time: 11:30
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Aluminum	5,220	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
2	Beryllium	8.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Cobalt	88	µg/L	GE
0	Fluoride	1,670	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	3.4	µg/L	GE
1	Lithium	31	µg/L	GE
2	Manganese	2,590	µg/L	GE
0	Mercury	0.77	µg/L	GE
2	Nickel	108	µg/L	GE
0	Selenium	2.9	µg/L	GE
2	Sulfate	1.1E+08	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.6	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	15	µg/L	GE
0	Zinc	293	µg/L	GE
0	Gross alpha	6.2E-09 ± 7.6E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 8.1E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

WELL DCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: 15.95 ft (4.86 m) below TOC
Water elevation: 117.25 ft (35.74 m) msl
Sp. conductance: 3550 µS/cm
Water evacuated before sampling: 20 gal

Time: 9:25
pH: 3.3
Alkalinity: 0 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Aluminum	53,300	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Beryllium	<25	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<10	µg/L	GE
0	Calcium	155,000	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
2	Chromium	1,570	µg/L	GE
2	Cobalt	1,110	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.7	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	3,000	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	270	µg/L	GE
2	Iron	28,200	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Lithium	40	µg/L	GE
0	Magnesium	131,000	µg/L	GE
2	Manganese	21,700	µg/L	GE
0	Mercury	<0.20	µg/L	GE
2	Nickel	1,560	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	<2,500	µg/L	GE
0	Selenium	5.6	µg/L	GE
0	Silica	25,000	µg/L	GE
2	Sulfate	1.0E+07	µg/L	GE
0	Sulfide	<1,000	µg/L	GE

WELL DCB 6 collected on 09/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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 organic carbon	2,000	µg/L	GE
2	Total organic halogens	100	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
2	Trichloroethylene	27	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	940	µg/L	GE
2	Gross alpha	5.7E-08 ± 4.1E-08	µCi/mL	GE
1	Nonvolatile beta	2.6E-08 ± 7.1E-08	µCi/mL	GE
2	Total radium	1.8E-08 ± 6.6E-09	µCi/mL	GE
0	Tritium	7.2E-08 ± 6.0E-07	µCi/mL	GE

WELL DCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: 14.18 ft (4.32 m) below TOC
Water elevation: 118.62 ft (36.16 m) msl
Sp. conductance: 4040 µS/cm
Water evacuated before sampling: 49 gal

Time: 9:50
pH: 2.3
Alkalinity: 0 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Aluminum	103,000	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
2	Beryllium	44	µg/L	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	6.5	µg/L	GE
0	Calcium	50,700	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	16	µg/L	GE
2	Cobalt	365	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	4,000	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	88,400	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Lithium	128	µg/L	GE
0	Magnesium	54,700	µg/L	GE
2	Manganese	5,260	µg/L	GE
0	Mercury	<0.20	µg/L	GE
2	Nickel	668	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	<1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	28,600	µg/L	GE
0	Sulfate	11,500	µg/L	GE
0	Sulfide	<1,000	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 organic carbon	2,000	µg/L	GE
2	Total organic halogens	159	µg/L	GE
0	Total phosphates (as P)	110	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	46	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	1,840	µg/L	GE
2	Gross alpha	2.8E-08 ± 2.9E-08	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 7.0E-08	µCi/mL	GE
2	Total radium	3.8E-08 ± 9.4E-09	µCi/mL	GE
0	Tritium	7.7E-06 ± 1.0E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL DCB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: 9.45 ft (2.88 m) below TOC
Water elevation: 127.35 ft (38.82 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 45 gal

Time: 13:10
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	32	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Sulfate	8,440	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
1	Total organic halogens	38	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.0	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	2.9E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

WELL DCB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 6.84 ft (2.08 m) below TOC
Water elevation: 115.46 ft (35.19 m) msl
Sp. conductance: 1397 µS/cm
Water evacuated before sampling: 48 gal

Time: 15:45
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Aluminum	22,800	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
2	Beryllium	12	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	8.3	µg/L	GE
2	Cobalt	1,220	µg/L	GE
0	Fluoride	880	µg/L	GE
2	Iron	21,200	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Lithium	41	µg/L	GE
2	Manganese	27,300	µg/L	GE
0	Mercury	<0.20	µg/L	GE
2	Nickel	194	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Sulfate	1.3E+06	µg/L	GE
2	Tetrachloroethylene	5.8	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	117	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	57	µg/L	GE
0	Zinc	515	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 ± 2.3E-09	µCi/mL	GE
2	Tritium	3.4E-05 ± 1.0E-06	µCi/mL	GE

WELL DCB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: 6.37 ft (1.94 m) below TOC
Water elevation: 117.53 ft (35.82 m) msl
Sp. conductance: 3500 µS/cm
Water evacuated before sampling: 47 gal

Time: 11:05
pH: 2.6
Alkalinity: 0 mg/L
Water temperature: 25.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Aluminum	156,000	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
2	Beryllium	38	µg/L	GE
1	Cadmium	8.2	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Chromium	423	µg/L	GE
2	Cobalt	565	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	260,000	µg/L	GE
1	Lead	8.1	µg/L	GE
2	Lithium	357	µg/L	GE
2	Manganese	7,510	µg/L	GE
0	Mercury	<0.20	µg/L	GE
2	Nickel	1,440	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Sulfate	2.3E+07	µg/L	GE
0	Tetrachloroethylene	<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 phosphates (as P)	120	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
1	Zinc	2,840	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	6.8E-08 ± 4.3E-08	µCi/mL	GE
2	Total radium	1.5E-08 ± 6.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL DCB 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: 8.42 ft (2.57 m) below TOC
Water elevation: 122.18 ft (37.24 m) msl
Sp. conductance: 2770 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.

Time: 10:15
pH: 5.5
Alkalinity: 20 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	30	µg/L	GE
0	Arsenic	6.1	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	7.0	µg/L	GE
0	Fluoride	160	µg/L	GE
2	Iron	25,300	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Lithium	856	µg/L	GE
2	Manganese	1,610	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<20	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Sulfate	2.0E+06	µg/L	GE
0	Tetrachloroethylene	<1.0	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)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Zinc	14	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	6.0E-08 ± 4.1E-08	µCi/mL	GE
1	Total radium	2.8E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	GE

WELL DCB 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91 — Time: 15:20
Depth to water: 6.81 ft (2.08 m) below TOC — pH: 3.6
Water elevation: 110.09 ft (33.56 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 257 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Aluminum	4,570	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	5.9	µg/L	GE
0	Fluoride	490	µg/L	GE
0	Fluoride	490	µg/L	GE
2	Iron	521	µg/L	GE
0	Lead	4.2	µg/L	GE
0	Lithium	7.9	µg/L	GE
2	Manganese	250	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	8.3	µg/L	GE
0	Selenium	2.1	µg/L	GE
0	Sulfate	114,000	µg/L	GE
0	Sulfate	156,000	µg/L	GE
2	Tetrachloroethylene	13	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)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	67	µg/L	GE
0	Zinc	24	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± [illegible]09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.9E-04 ± 2.0E-06	µCi/mL	GE

WELL DCB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91 — Time: 10:35
Depth to water: 11.40 ft (3.47 m) below TOC — pH: 5.3
Water elevation: 116.40 ft (36.09 m) msl — Alkalinity: 27 mg/L
Sp. conductance: 242 µS/cm — Water temperature: 23.2°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	55	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Fluoride	140	µg/L	GE
2	Iron	714	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Lithium	102	µg/L	GE
2	Manganese	212	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	34	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Sulfate	60,000	µg/L	GE
0	Tetrachloroethylene	<1.0	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)	110	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Zinc	35	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.5E-08 ± 1.7E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 2.0E-07	µCi/mL	GE

WELL DCB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91 — Time: 14:50
Depth to water: 14.09 ft (4.29 m) below TOC — pH: 6.4
Water elevation: 113.51 ft (34.60 m) msl — Alkalinity: 178 mg/L
Sp. conductance: 1071 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Arsenic	15	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Fluoride	210	µg/L	GE
2	Iron	19,400	µg/L	GE
0	Lithium	<5.0	µg/L	GE
2	Manganese	1,580	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<8.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Sulfate	1,310	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Zinc	3.5	µg/L	GE
0	Gross alpha	3.3E-09 ± 5.3E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-08 ± 1.7E-08	µCi/mL	GE
0	Total radium	1.0E-09 ± 2.2E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL DCB 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91 — Time: 14:25
Depth to water: 15.49 ft (4.72 m) below TOC — pH: 6.7
Water elevation: 112.41 ft (34.26 m) msl — Alkalinity: 251 mg/L
Sp. conductance: 765 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Arsenic	4.5	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Fluoride	180	µg/L	GE
2	Iron	1,780	µg/L	GE
1	Lithium	38	µg/L	GE
2	Manganese	232	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<8.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Sulfate	<200,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	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 ± 3.9E-09	µCi/mL	GE
0	Nonvolatile beta	1.5E-08 ± 1.6E-08	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL DOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91 — Time: 10:30
Depth to water: 6.10 ft (1.86 m) below TOC — pH: 5.7
Water elevation: 145.60 ft (44.38 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 91 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 87 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

ANALYTICAL RESULTS

WELL DOB 1 collected on 09/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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	<20	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	Iron	130	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Manganese	12	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	11	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
1	Total organic halogens	27	µg/L	GE
1	Total organic halogens	35	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
2	Trichloroethylene	30	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE

WELL DOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91 Time: 9:55
Depth to water: 7.05 ft (2.15 m) below TOC pH: 5.1
Water elevation: 145.15 ft (44.24 m) msl Alkalinity: 1 mg/L
Sp. conductance: 68 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 78 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	Chloroform	1.4	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	<20	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
J	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
2	Iron	518	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Manganese	13	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	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	21	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 DOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 7.05 ft (2.15 m) below TOC
Water elevation: 145.15 ft (44.24 m) msl
Sp. conductance: 68 µS/cm
Water evacuated before sampling: 78 gal

Time: 9:55
pH: 5.1
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	Chloroform	1.4	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	<20	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
2	Iron	510	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Manganese	13	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	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	102	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 DOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 6.96 ft (2.13 m) below TOC
Water elevation: 145.82 ft (44.45 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 79 gal

Time: 11:25
pH: 5.6
Alkalinity: 3 mg/L
Water temperature: 24.5°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	30	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	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	<20	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	Iron	76	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Manganese	2.7	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	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	110	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

ANALYTICAL RESULTS

WELL DOB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91 Time: 10:55
Depth to water: 7.71 ft (2.35 m) below TOC pH: 5.0
Water elevation: 145.29 ft (44.28 m) msl Alkalinity: 0 mg/L
Sp. conductance: 53 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 95 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	73	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	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	<20	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	Iron	15	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Manganese	12	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
1	Tetrachloroethylene	3.1	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	124	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 F 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 Time: 14:50
Depth to water: 65.70 ft (20.03 m) below TOC pH: 5.3
Water elevation: 210.00 ft (64.01 m) msl Alkalinity: 3 mg/L
Sp. conductance: 34 µS/cm Water temperature: 22.4°C
Water evacuated before sampling: 5 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	7.0E-08 ± 2.0E-08	µCi/mL	GE
2	Nonvolatile beta	3.3E-07 ± 3.9E-08	µCi/mL	GE
0	Total activity	1.1E-04 ± 2.7E-06	µCi/mL	EM
2	Tritium	1.1E-04 ± 1.5E-06	µCi/mL	GE

WELL F 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 8:45
Depth to water: 41.37 ft (12.61 m) below TOC pH: 3.7
Water elevation: 212.13 ft (64.66 m) msl Alkalinity: 0 mg/L
Sp. conductance: 140 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 10 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	8.0E-08 ± 2.0E-08	µCi/mL	GE
2	Nonvolatile beta	9.1E-08 ± 2.4E-08	µCi/mL	GE
0	Total activity	6.0E-04 ± 5.8E-06	µCi/mL	EM
2	Tritium	5.8E-04 ± 3.4E-06	µCi/mL	GE

WELL F 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 Time: 15.40
Depth to water: 46.32 ft (14.12 m) below TOC pH: 4.8
Water elevation: 209.58 ft (63.88 m) msl Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 22.3°C
Water evacuated before sampling: 6 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	1.9E-08 ± 3.6E-09	µCi/mL	GE
1	Nonvolatile beta	3.4E-08 ± 4.6E-09	µCi/mL	GE
2	Tritium	9.8E-05 ± 1.4E-06	µCi/mL	GE

WELL F 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 7:20
Depth to water: 31.49 ft (9.60 m) below TOC pH: 4.6
Water elevation: 208.31 ft (63.49 m) msl Alkalinity: 0 mg/L
Sp. conductance: 127 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.7E-07 ± 9.1E-09	µCi/mL	GE
2	Tritium	1.1E-03 ± 4.7E-06	µCi/mL	GE

WELL F 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 9:40
Depth to water: 45.15 ft (13.76 m) below TOC pH: 4.4
Water elevation: 215.75 ft (65.76 m) msl Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 6 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.7E-09 ± 2.0E-09	µCi/mL	GE
1	Nonvolatile beta	4.8E-08 ± 5.1E-09	µCi/mL	GE
1	Tritium	1.8E-05 ± 6.0E-07	µCi/mL	GE
1	Tritium	1.9E-05 ± 6.0E-07	µCi/mL	GE

WELL FAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/91
Depth to water: 82.82 ft (25.24 m) below TOC
Water elevation: 228.98 ft (69.79 m) msl
Sp. conductance: 286 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 7:40
pH: 6.9
Alkalinity: 66 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	GE
0	Specific conductance	242	µS/cm	GE
0	Turbidity	1,170	NTU	GE
0	Aluminum	<20	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	30,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,800	µg/L	GE
0	Chloride	6,050	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	4.6	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	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,470	µg/L	GE
0	Manganese	2.7	µg/L	GE
0	Mercury	0.27	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,310	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	16,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,900	µg/L	GE
0	Sulfate	75,000	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	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)	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
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	3.2E-09 ± 2.9E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 4.5E-09	µCi/mL	GE
2	Total radium	7.8E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/91
Depth to water: 81.60 ft (24.87 m) below TOC
Water elevation: 228.30 ft (69.59 m) msl
Sp. conductance: 139 µS/cm
Water evacuated before sampling: 56 gal

Time: 7:00
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Turbidity	12	NTU	GE
1	Aluminum	128	µg/L	GE

WELL FAC 4 collected on 08/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,120	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,000	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	121	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,680	µg/L	GE
2	Manganese	352	µg/L	GE
0	Mercury	0.85	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,510	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	9,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,910	µg/L	GE
0	Sulfate	38,400	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	148,000	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	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	4.4E-09 ± 1.8E-09	µCi/mL	GE
0	Nonvolatile beta	6.0E-09 ± 2.3E-09	µCi/mL	GE
2	Total radium	1.1E-08 ± 2.6E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/91
Depth to water: 81.60 ft (24.87 m) below TOC
Water elevation: 228.30 ft (69.59 m) msl
Sp. conductance: 139 µS/cm
Water evacuated before sampling: 56 gal

Time: 7:00
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	92	µS/cm	GE
0	Turbidity	33	NTU	GE
1	Aluminum	136	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	6,720	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,060	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

ANALYTICAL RESULTS

WELL FAC 4 collected on 08/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	1.4	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	131	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,930	µg/L	GE
2	Manganese	385	µg/L	GE
1	Mercury	1.1	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,560	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,950	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,210	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,470	µg/L	GE
0	Sulfate	45,400	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	76,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	148	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	2,4,5-TP (Silvex)	<0.090	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	2.7E-09 ± 1.5E-09	µCi/mL	GE
0	Nonvolatile beta	7.0E-09 ± 2.4E-09	µCi/mL	GE
2	Total radium	9.5E-09 ± 2.1E-09	µCi/mL	GE
0	Tritium	1.6E-08 ± 2.0E-07	µCi/mL	GE

WELL FAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/91
Depth to water: 91.86 ft (27.94 m) below TOC
Water elevation: 224.14 ft (68.32 m) msl
Sp. conductance: 101 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 8:45
pH: 5.5
Alkalinity: 8 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	79	µS/cm	GE
0	Turbidity	95	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aluminum	24	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	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE

WELL FAC 5 collected on 08/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,660	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	2,440	µg/L	GE
0	para-Chloro-meta-cresol	30	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl 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	32	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	<0.10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<0.10	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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.4	µg/L	GE
0	2,4-Dichlorophenol	30	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	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	<0.10	µg/L	GE
0	Endosulfan I	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<0.10	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	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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-cd]pyrene	<10	µg/L	GE
0	Iron	14	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Magnesium	2,130	µg/L	GE
1	Manganese	40	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	88	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

WELL FAC 5 collected on 08/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	3,110	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,640	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,950	µg/L	GE
0	Sulfate	25,800	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	39,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
2	Total organic halogens	75	µg/L	GE
2	Total organic halogens	79	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	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	7.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Zinc	49	µg/L	GE
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 ± 1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/91
Depth to water: 82.81 ft (28.29 m) below TOC
Water elevation: 219.69 ft (66.96 m) msl
Sp. conductance: 95 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.
Time: 9:50
pH: 6.2
Alkalinity: 36 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	72	µS/cm	GE
0	Turbidity	118	NTU	GE
0	Turbidity	121	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aluminum	<20	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	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,840	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	3,440	µg/L	GE
0	para-Chloro-meta-cresol	33	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

WELL FAC 6 collected on 08/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	47	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	<0.10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<0.10	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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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-Dichlorophenol	35	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	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	<0.10	µg/L	GE
0	Endosulfan I	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<0.10	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	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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	52	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Magnesium	593	µg/L	GE
1	Manganese	43	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Nitrate as nitrogen	370	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	Phenols	<5.0	µg/L	GE
0	Potassium	1,580	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,700	µg/L	GE

ANALYTICAL RESULTS

WELL FAC 6 collected on 08/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	8,880	µg/L	GE
0	Sulfate	8,260	µg/L	GE
0	Sulfate	8,280	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	27,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	104	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	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	Zinc	15	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 1.0E-09	µCi/mL	GE
0	Tritium	7.8E-07 ± 2.0E-07	µCi/mL	GE

WELL FAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/91
Depth to water: 91.78 ft (27.97 m) below TOC
Water elevation: 220.22 ft (67.12 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 11:15
pH: 5.8
Alkalinity: 13 mg/L
Water temperature: 24.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Turbidity	275	NTU	GE
0	Aluminum	<20	µg/L	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	2,370	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,360	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	631	µg/L	GE
1	Manganese	45	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,850	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	6,730	µg/L	GE
0	Sulfate	8,850	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	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 organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE

WELL FAC 7 collected on 08/28/91, 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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 1.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.3E-07 ± 2.0E-07	µCi/mL	GE

WELL FAC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/91
Depth to water: 82.16 ft (25.04 m) below TOC
Water elevation: 228.84 ft (69.75 m) msl
Sp. conductance: 76 µS/cm
Water evacuated before sampling: 31 gal
The well went dry during purging.

Time: 12:15
pH: 5.9
Alkalinity: 18 mg/L
Water temperature: 26.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Turbidity	4.3	NTU	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	3,230	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)	1.7	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	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	6.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	279	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	0.34	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	160	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,400	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	9,040	µg/L	GE
0	Sulfate	5,700	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	43,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	58	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	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	8.9E-07 ± 2.0E-07	µCi/mL	GE

WELL FAL 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 92.97 ft (28.34 m) below TOC
Water elevation: 219.93 ft (67.04 m) msl
Sp. conductance: 261 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 9:25
pH: 7.1
Alkalinity: 108 mg/L
Water temperature: 24.0°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
1	1,2-Dichloroethane	3.7	µg/L	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	Iron	9.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	9.9	µg/L	GE
0	Nitrate as nitrogen	56	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
1	Total organic halogens	37	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
2	Trichloroethylene	18	µg/L	GE
1	Trichlorofluoromethane	8.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 1.9E-09	µCi/mL	GE
1	Total radium	4.9E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL FAL 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 93.90 ft (28.62 m) below TOC
Water elevation: 218.20 ft (66.51 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.

Time: 9:40
pH: 5.6
Alkalinity: 14 mg/L
Water temperature: 22.9°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
2	1,2-Dichloroethane	11	µg/L	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	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	Iron	72	µg/L	GE
2	Lead	152	µg/L	GE
2	Manganese	50	µg/L	GE
0	Nitrate as nitrogen	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
2	Total organic halogens	77	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
2	Trichloroethylene	21	µg/L	GE

WELL FAL 2 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Trichlorofluoromethane	26	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 1.9E-09	µCi/mL	GE
2	Total radium	2.4E-08 ± 8.6E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL FBP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 81.61 ft (24.88 m) below TOC
Water elevation: 206.29 ft (62.88 m) msl
Sp. conductance: 78 µS/cm
Water evacuated before sampling: 116 gal

Time: 15:55
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.0°C

WELL FBP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 81.75 ft (24.92 m) below TOC
Water elevation: 206.15 ft (62.84 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 116 gal

Time: 11:30
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 25.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	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)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	2.9	µg/L	GE
0	Nonvolatile beta	1.9E-08 ± 3.4E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 1.5E-09	µCi/mL	GE

WELL FBP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 98.60 ft (30.05 m) below TOC
Water elevation: 190.50 ft (58.07 m) msl
Sp. conductance: 85 µS/cm
Water evacuated before sampling: 140 gal

Time: 14:40
pH: 4.7
Alkalinity: 2 mg/L
Water temperature: 21.9°C

WELL FBP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 98.86 ft (30.13 m) below TOC
Water elevation: 190.24 ft (57.99 m) msl
Sp. conductance: 102 µS/cm
Water evacuated before sampling: 140 gal

Time: 10:15
pH: 5.0
Alkalinity: 4 mg/L
Water temperature: 26.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Carbon tetrachloride	13	µg/L	GE
0	Chloroform	2.4	µg/L	GE
2	Tetrachloroethylene	71	µg/L	GE
2	Total organic halogens	185	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	53	µg/L	GE
0	Nonvolatile beta	6.3E-09 ± 2.3E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 1.2E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL FBP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 98.96 ft (30.16 m) below TOC
Water elevation: 193.94 ft (59.11 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 140 gal
Time: 13:50
pH: 5.0
Alkalinity: 6 mg/L
Water temperature: 21.4°C

WELL FBP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 90.93 ft (30.15 m) below TOC
Water elevation: 193.97 ft (59.12 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 140 gal
Time: 9:15
pH: 5.2
Alkalinity: 4 mg/L
Water temperature: 20.5°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	3.9	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Nonvolatile beta	2.7E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL FBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 73.41 ft (22.38 m) below TOC
Water elevation: 212.89 ft (64.89 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 128 gal
Time: 15:35
pH: 4.7
Alkalinity: 2 mg/L
Water temperature: 21.0°C

WELL FBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 73.46 ft (22.39 m) below TOC
Water elevation: 212.84 ft (64.87 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 124 gal
Time: 10:55
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 25.5°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	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 1.1E-09	µCi/mL	GE

WELL FCA 1N

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 12.22 ft (3.72 m) below TOC
Water elevation: 300.08 ft (91.47 m) msl
Sp. conductance: 277 µS/cm
Water evacuated before sampling: 1 gal
The well went dry during purging.
Time: 13:45
pH: 7.6
Alkalinity: 67 mg/L
Water temperature: 26.4°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
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 FCA 1N collected on 08/27/91, 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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	4.3	µg/L	GE
2	Nitrate as nitrogen	11,700	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 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)	<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
2	Nonvolatile beta	1.7E-06 ± 2.9E-08	µCi/mL	GE
2	Total radium	5.2E-08 ± 1.1E-08	µCi/mL	GE
0	Tritium	5.6E-06 ± 4.0E-07	µCi/mL	GE

WELL FCA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 13.25 ft (4.04 m) below TOC
Water elevation: 298.85 ft (91.12 m) msl
Sp. conductance: 369 µS/cm
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.
Time: 10:10
pH: 7.8
Alkalinity: 123 mg/L
Water temperature: 24.2°C

WELL FCA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 86.18 ft (26.27 m) below TOC
Water elevation: 226.02 ft (68.89 m) msl
Sp. conductance: 162 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.
Time: 10:40
pH: 4.0
Alkalinity: 0 mg/L
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	Cadmium	2.4	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	3.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	4.4	µg/L	GE
0	Lead	5.3	µg/L	GE
2	Manganese	120	µg/L	GE
2	Nitrate as nitrogen	15,400	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 organic halogens	<5.0	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
2	Trichloroethylene	94	µg/L	GE
2	Trichlorofluoromethane	65	µg/L	GE
2	Gross alpha	5.3E-08 ± 7.5E-09	µCi/mL	GE

WELL FCA 2D collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	2.8E-07 ± 1.2E-08	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	6.6E-06 ± 4.0E-07	µCi/mL	GE

WELL FCA 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91 Time: 16:05
The well was dry.

WELL FCA 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91 Time: 15:25
Inaccessibility or pump failure prevented sample collection.

WELL FCA 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 Time: 6:30
Depth to water: 85.92 ft (26.19 m) below TOC pH: 4.0
Water elevation: 225.98 ft (68.88 m) msl Alkalinity: 0 mg/L
Sp. conductance: 134 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

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	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	Iron	5.6	µg/L	GE
1	Lead	8.9	µg/L	GE
1	Manganese	27	µg/L	GE
2	Nitrate as nitrogen	14,100	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 organic halogens	16	µg/L	GE
0	Total phosphates (as P)	<100	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
2	Trichloroethylene	6.0	µg/L	GE
1	Trichlorofluoromethane	5.0	µg/L	GE
2	Gross alpha	2.7E-08 ± 9.2E-09	µCi/mL	GE
2	Nonvolatile beta	1.2E-07 ± 1.4E-08	µCi/mL	GE
2	Total radium	2.8E-08 ± 9.6E-09	µCi/mL	GE
0	Tritium	5.9E-06 ± 4.0E-07	µCi/mL	GE

WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91 Time: 14:20
Depth to water: 86.30 ft (26.30 m) below TOC pH: 5.7
Water elevation: 225.50 ft (68.73 m) msl Alkalinity: 2 mg/L
Sp. conductance: 88 µS/cm Water temperature: 25.2°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

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 FCA 10A collected on 08/27/91, 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	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	7.6	µg/L	GE
0	Nitrate as nitrogen	4,300	µg/L	GE
0	Nitrate as nitrogen	4,300	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 organic halogens	15	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
2	Total radium	6.5E-09 ± 4.2E-09	µCi/mL	GE
0	Tritium	6.8E-06 ± 4.0E-07	µCi/mL	GE

WELL FCA 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91 Time: 16:10
The well was dry.

WELL FCA 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 Time: 9:05
Depth to water: 8.16 ft (2.49 m) below TOC pH: 6.6
Water elevation: 301.74 ft (91.97 m) msl Alkalinity: 17 mg/L
Sp. conductance: 45 µS/cm Water temperature: 25.3°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	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	2.7	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	Ethylbenzene	<1.0	µg/L	GE
0	Iron	142	µg/L	GE
2	Lead	33	µg/L	GE
2	Manganese	117	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
2	Total organic halogens	350	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
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 FCA 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91 Time: 13:25
Depth to water: 85.59 ft (26.09 m) below TOC pH: 5.2
Water elevation: 225.71 ft (68.80 m) msl Alkalinity: 0 mg/L
Sp. conductance: 133 µS/cm Water temperature: 23.5°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	Benzene	<1.0	µg/L	GE
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	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.3	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
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 FCA 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91 Time: 15:40
Depth to water: 88.75 ft (26.44 m) below TOC pH: 5.7
Water elevation: 225.45 ft (68.72 m) msl Alkalinity: 6 mg/L
Sp. conductance: 61 µS/cm Water temperature: 26.0°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
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	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
2	1,1-Dichloroethane	45	µg/L	GE
0	1,2-Dichloroethane	1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	35	µg/L	GE
0	1,2-Dichloropropane	<1.0	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	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	19	µg/L	GE
0	Nitrate as nitrogen	2,760	µg/L	GE
0	Nitrate as nitrogen	2,480	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 halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	16	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
2	Trichlorofluoromethane	46	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.3E-09 ± 2.1E-09	µCi/mL	GE
1	Total radium	4.4E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

WELL FCA 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91 Time: 15:05
Depth to water: 13.70 ft (4.18 m) below TOC pH: 6.7
Water elevation: 298.40 ft (90.95 m) msl Alkalinity: 59 mg/L
Sp. conductance: 195 µS/cm Water temperature: 28.8°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

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	Cadmium	3.5	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	Iron	55	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Manganese	32	µg/L	GE
0	Nitrate as nitrogen	4,750	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 halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	300	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	3.1E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 2.9E-09	µCi/mL	GE
2	Total radium	1.4E-08 ± 5.7E-09	µCi/mL	GE
0	Tritium	2.7E-06 ± 3.0E-07	µCi/mL	GE

WELL FCA 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91 Time: 13:40
Inaccessibility or pump failure prevented sample collection.

WELL FCA 16T

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91 Time: 16:35
The well was dry.

WELL FCA 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91 Time: 10:25
Depth to water: 93.43 ft (28.48 m) below TOC pH: 7.0
Water elevation: 218.17 ft (66.50 m) msl Alkalinity: 118 mg/L
Sp. conductance: 293 µS/cm Water temperature: 23.9°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

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	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

WELL FCA 19D collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	3.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	6.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Nitrate as nitrogen	730	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 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	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	62	µg/L	GE
0	Trichlorofluoromethane	2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.9E-08 ± 3.4E-09	µCi/mL	GE
2	Total radium	5.1E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	5.2E-06 ± 3.0E-07	µCi/mL	GE

WELL FCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 78.08 ft (23.80 m) below TOC
Water elevation: 229.22 ft (69.87 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 64 gal
Time: 8:15
pH: 4.8
Alkalinity: 2 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	40	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	221	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	Copper	9.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	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	49	µg/L	GE
1	Lead	8.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	166	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	1,030	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	6,810	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.7	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
2	Total organic halogens	183	µg/L	GE

WELL FCB 2 collected on 08/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	1.2	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
2	Total radium	1.0E-08 ± 6.2E-09	µCi/mL	GE
0	Tritium	7.2E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	7.1E-06 ± 4.0E-07	µCi/mL	GE

WELL FCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 80.59 ft (24.56 m) below TOC
Water elevation: 221.71 ft (67.58 m) msl
Sp. conductance: 67 µS/cm
Water evacuated before sampling: 85 gal
Time: 7:30
pH: 6.0
Alkalinity: 21 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	50	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	11,600	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	6.3	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)	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	Fluoride	132	µg/L	GE
0	Iron	62	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,060	µg/L	GE
0	Manganese	6.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,510	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	8,510	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,180	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	74,000	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	147	µg/L	GE
0	Total phosphates (as P)	340	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	3.7E-09 ± 2.6E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09 ± 3.7E-09	µCi/mL	GE
1	Total radium	4.9E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	6.6E-06 ± 4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 80.59 ft (24.56 m) below TOC
Water elevation: 221.71 ft (67.58 m) msl
Sp. conductance: 67 µS/cm
Water evacuated before sampling: 85 gal
Time: 7:30
pH: 6.0
Alkalinity: 21 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.0	pH	GE
0	Specific conductance	95	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	11,500	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	6.5	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)	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	135	µg/L	GE
0	Iron	63	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,040	µg/L	GE
0	Manganese	6.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,520	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	9,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,210	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	55,000	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)	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 1.9E-09	µCi/mL	GE
1	Total radium	3.8E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	5.6E-06 ± 4.0E-07	µCi/mL	GE

WELL FCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 77.86 ft (23.73 m) below TOC
Water elevation: 228.74 ft (69.72 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.
Time: 9:05
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 21.2°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	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE

WELL FCB 4 collected on 08/27/91, 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	998	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	50	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	322	µg/L	GE
0	Lead	4.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	363	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	1,510	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	2,910	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	25,000	µg/L	GE
2	Total organic carbon	15,000	µg/L	GE
0	Total organic halogens	19	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	9.6E-09 ± 5.8E-09	µCi/mL	GE
0	Tritium	7.8E-06 ± 4.0E-07	µCi/mL	GE

WELL FCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 75.76 ft (23.09 m) below TOC
Water elevation: 228.14 ft (69.54 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.
Time: 8:45
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	25	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	1,080	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	Copper	9.6	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

WELL FCB 5 collected on 08/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	6.7	µg/L	GE
0	Lead	7.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	456	µg/L	GE
0	Manganese	12	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	8,210	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,280	µg/L	GE
0	Sulfate	3,650	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)	<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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	1.3E-08 ± 7.1E-09	µCi/mL	GE
0	Tritium	9.0E-08 ± 4.0E-07	µCi/mL	GE

WELL FCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/28/91
Depth to water: 82.03 ft (25.00 m) below TOC
Water elevation: 228.47 ft (69.64 m) msl
Sp. conductance: 109 µS/cm
Water evacuated before sampling: 1 gal
The well went dry during purging.

Time: 8:20
pH: 8.5
Alkalinity: 51 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.6	pH	GE
0	Specific conductance	85	µS/cm	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	9,470	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	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)	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	<0.0080	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	8.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	544	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	930	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL FCB 6 collected on 08/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Potassium	3,830	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,720	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,340	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 dissolved solids	50,000	µg/L	GE
0	Total dissolved solids	52,000	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	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	7.0	µg/L	GE
0	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 ± 2.1E-09	µCi/mL	GE
2	Total radium	9.9E-09 ± 4.7E-09	µCi/mL	GE
0	Tritium	7.6E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	7.9E-06 ± 4.0E-07	µCi/mL	GE

WELL FCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
The well was dry.

Time: 8:05

WELL FET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 48.07 ft (14.04 m) below TOC
Water elevation: 223.83 ft (68.25 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 12:45
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Manganese	30	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	1.7E-09 ± 2.8E-09	µCi/mL	GE

WELL FET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 47.50 ft (14.48 m) below TOC
Water elevation: 222.50 ft (67.82 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 34 gal

Time: 8:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	8.6	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	1.9E-09 ± 2.8E-09	µCi/mL	GE

WELL FET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 62.72 ft (19.12 m) below TOC
Water elevation: 222.48 ft (67.81 m) msl
Sp. conductance: 67 µS/cm
Water evacuated before sampling: 51 gal

Time: 9:10
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	7.1	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	1.4E-09 ± 2.6E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL FET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91 — Time: 9:40
Depth to water: 63.72 ft (19.42 m) below TOC — pH: 4.8
Water elevation: 223.18 ft (68.03 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	16	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
1	Total radium	2.8E-09 ± 3.2E-09	µCi/mL	GE

WELL FNB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91 — Time: 7:00
Depth to water: 73.51 ft (22.41 m) below TOC — pH: 4.5
Water elevation: 210.79 ft (64.25 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 74 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 68 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	21	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	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	22	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	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	14	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	<0.10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	GE

WELL FNB 1 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	<1.0	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	<20	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	<0.33	µg/L	GE
0	1,2-Dichloropropane	<1.0	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	75	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	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,430	µg/L	GE
0	Manganese	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	<1.0	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

WELL FNB 1 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	11	µg/L	GE
1	Nitrate as nitrogen	6,050	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,850	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 organic carbon	<1,000	µg/L	GE
1	Total organic halogens	30	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	1,2,4-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
2	Trichloroethylene	32	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	7.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.9E-09 ± 2.5E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 1.3E-09	µCi/mL	GE
2	Tritium	1.4E-04 ± 1.7E-06	µCi/mL	GE

WELL FNB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91 — Time: 7:00
Depth to water: 73.51 ft (22.41 m) below TOC — pH: 4.5
Water elevation: 210.79 ft (64.25 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 74 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	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	22	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	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	13	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	<0.10	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	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)	<1.0	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	<20	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

ANALYTICAL RESULTS

WELL FNB 1 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	< 0.050	µg/L	GE
0	Heptachlor epoxide	< 0.050	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-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	78	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	15	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	1,420	µg/L	GE
0	Manganese	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	< 1.0	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	12	µg/L	GE
1	Nitrate as nitrogen	5,950	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

WELL FNB 1 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Parathion	< 0.050	µg/L	GE
0	Parathion methyl	< 0.050	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	< 1.0	µg/L	GE
0	PCB 1260	< 1.0	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	< 0.10	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	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	6,890	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	5,950	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	< 2.0	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
0	Total organic halogens	15	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	1,2,4-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
2	Trichloroethylene	33	µg/L	GE
0	Trichlorofluoromethane	2.5	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	7.8	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.5E-09 ± 2.4E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 1.3E-09	µCi/mL	GE
2	Tritium	1.3E-04 ± 1.6E-06	µCi/mL	GE

WELL FNB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91 — Time: 8:00
Depth to water: 80.36 ft (24.49 m) below TOC — pH: 3.8
Water elevation: 207.44 ft (63.23 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 139 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	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	< 0.050	µg/L	GE

WELL FNB 2 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	34	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	16	µg/L	GE
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	2-sec-Butyl-4,6-dinitrophenol	<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	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	13	µg/L	GE
0	Copper	16	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	<0.10	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	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)	<1.0	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	<20	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

WELL FNB 2 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Fluoride	111	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	115	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	786	µg/L	GE
2	Manganese	116	µg/L	GE
0	Mercury	0.47	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	<1.0	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	13	µg/L	GE
2	Nitrate as nitrogen	12,300	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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

ANALYTICAL RESULTS

WELL FNB 2 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,300	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	8,870	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 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	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
2	Trichloroethylene	5.3	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
1	Gross alpha	1.3E-08 ± 3.7E-09	µCi/mL	GE
2	Nonvolatile beta	1.8E-07 ± 9.5E-09	µCi/mL	GE
2	Total radium	6.4E-09 ± 1.8E-09	µCi/mL	GE
2	Tritium	1.5E-04 ± 1.7E-06	µCi/mL	GE

WELL FNB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 74.48 ft (22.70 m) below TOC
Water elevation: 209.52 ft (63.86 m) msl
Sp. conductance: 97 µS/cm
Water evacuated before sampling: 72 gal

Time: 9:00
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	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	33	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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

WELL FNB 3 collected on 08/27/91, 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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<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	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	11	µg/L	GE
0	Copper	8.1	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	<0.10	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	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)	<1.0	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	<20	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE

WELL FNB 3 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	26	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	1,730	µg/L	GE
2	Manganese	115	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	<1.0	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	9.0	µg/L	GE
0	Nitrate as nitrogen	8,900	µg/L	GE
1	Nitrate as nitrogen	8,800	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,930	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	9,290	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

WELL FNB 3 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	22	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	1,2,4-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	41	µg/L	GE
0	Gross alpha	4.8E-09 ± 2.3E-09	µCi/mL	GE
2	Nonvolatile beta	7.0E-08 ± 6.0E-09	µCi/mL	GE
1	Total radium	4.9E-09 ± 1.6E-09	µCi/mL	GE
2	Tritium	7.6E-05 ± 1.2E-06	µCi/mL	GE

WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 77.86 ft (23.73 m) below TOC
Water elevation: 213.64 ft (65.12 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 88 gal
Time: 9:50
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	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	6.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	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

ANALYTICAL RESULTS

WELL FNB 4 collected on 08/27/91, 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	<0.10	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	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)	<1.0	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	<20	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	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
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	579	µg/L	GE
0	Manganese	7.2	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	<1.0	µg/L	GE

WELL FNB 4 collected on 08/27/91, 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-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	1,280	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,840	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	3,530	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 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	1,2,4-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

WELL FNB 4 collected on 08/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 1.1E-09	µCi/mL	GE
0	Tritium	5.6E-09 ± 4.0E-07	µCi/mL	GE

WELL FSB 1TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 900 gal
Time: 7:20
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	45	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	4,320	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	7.3	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)	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	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	587	µg/L	GE
1	Lead	14	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	397	µg/L	GE
0	Manganese	13	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	563	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	1,080	µg/L	GE
0	Sulfate	10,400	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	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)	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/91
Depth to water: 77.43 ft (23.60 m) below TOC
Water elevation: 216.77 ft (66.07 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 52 gal
Time: 15:30
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	5.3E-04 ± 5.6E-06	µCi/mL	EM

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: 77.16 ft (23.52 m) below TOC
Water elevation: 217.04 ft (66.15 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 52 gal
Time: 15:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 24.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Aluminum	80	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	766	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	330	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
2	Lead	29	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,050	µg/L	GE
0	Manganese	4.9	µg/L	GE
0	Mercury	0.96	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	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,370	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,390	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 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	138	µg/L	GE

WELL FSB 76 collected on 07/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	4.7E-09 ± 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 3.6E-09	µCi/mL	GE
0	Total activity	5.3E-04 ± 5.5E-06	µCi/mL	EM
1	Total radium	3.3E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	5.4E-04 ± 3.3E-06	µCi/mL	GE

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 139.68 ft (42.57 m) below TOC
Water elevation: 154.22 ft (47.01 m) msl
Sp. conductance: 123 µS/cm
Water evacuated before sampling: 308 gal
Time: 10:15
pH: 6.2
Alkalinity: 41 mg/L
Water temperature: 24.2°C

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: 139.54 ft (42.53 m) below TOC
Water elevation: 154.36 ft (47.05 m) msl
Sp. conductance: 125 µS/cm
Water evacuated before sampling: 308 gal
Time: 15:55
pH: 6.2
Alkalinity: 46 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	110	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	21	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	17,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,620	µg/L	GE
0	Chloroform	<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	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	595	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	1,170	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	25,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,760	µg/L	GE
0	Sulfate	8,730	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	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)	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	Trichloroethylene	<1.0	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-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
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/91
Depth to water: 143.27 ft (43.67 m) below TOC
Water elevation: 150.53 ft (45.88 m) msl
Sp. conductance: 143 µS/cm
Water evacuated before sampling: 135 gal
Time: 14:55
pH: 6.4
Alkalinity: 55 mg/L
Water temperature: 24.1°C

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/01/91
Depth to water: 143.27 ft (43.67 m) below TOC
Water elevation: 150.53 ft (45.88 m) msl
Sp. conductance: 143 µS/cm
Water evacuated before sampling: 135 gal
Time: 14:55
pH: 6.4
Alkalinity: 55 mg/L
Water temperature: 24.1°C

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: 143.19 ft (43.64 m) below TOC
Water elevation: 150.61 ft (45.91 m) msl
Sp. conductance: 142 µS/cm
Water evacuated before sampling: 136 gal
Time: 16:40
pH: 6.5
Alkalinity: 52 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	130	µS/cm	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	17	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	21,500	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	Cobalt	<4.0	µg/L	GE
0	Copper	6.1	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	140	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	623	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	500	µg/L	GE
0	Potassium	531	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	17,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
-	Sodium	1,690	µg/L	GE
0	Sulfate	3,270	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	Total dissolved solids	99,000	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	Trichloroethylene	<1.0	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 3.4E-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 FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: 143.19 ft (43.64 m) below TOC
Water elevation: 150.61 ft (45.91 m) msl
Sp. conductance: 142 µS/cm
Water evacuated before sampling: 136 gal
Time: 16:40
pH: 6.5
Alkalinity: 52 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	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	19	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	21,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,540	µg/L	GE
0	Chloroform	<1.0	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	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	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	660	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	750	µg/L	GE
0	Potassium	629	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	18,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,750	µg/L	GE
0	Sulfate	3,350	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Total dissolved solids	83,000	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)	310	µg/L	GE
0	Toxaphene	<0.24	µg/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	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	Total radium	1.1E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 61.11 ft (24.72 m) below TOC
Water elevation: 212.49 ft (64.77 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 149 gal
Time: 9:05
pH: 5.7
Alkalinity: 14 mg/L
Water temperature: 21.3°C

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91
Depth to water: 80.83 ft (24.64 m) below TOC
Water elevation: 212.77 ft (64.85 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 152 gal
Time: 18:00
pH: 5.7
Alkalinity: 16 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	45	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	6.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE

WELL FSB 76C collected on 07/11/91, 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	5,420	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	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)	3.4	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	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	301	µg/L	GE
0	Manganese	3.3	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	1,160	µg/L	GE
0	Potassium	<500	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	88,100	µg/L	GE
0	Sodium	2,250	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	35,000	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	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
1	Trichloroethylene	3.8	µg/L	GE
1	Trichlorofluoromethane	5.2	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	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	3.0E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 81.12 ft (18.63 m) below TOC
Water elevation: 212.18 ft (64.67 m) msl
Sp. conductance: 1544 µS/cm
Water evacuated before sampling: 68 gal
Time: 12:45
pH: 3.3
Alkalinity: 0 mg/L
Water temperature: 23.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	GE
2	Specific conductance	1,100	µS/cm	GE
2	Aluminum	15,700	µg/L	GE
0	Antimony	<2.0	µg/L	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

ANALYTICAL RESULTS

WELL FSB 77 collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	2.6	µg/L	GE
0	Calcium	1,160	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,500	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	4.9	µg/L	GE
0	Copper	22	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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	745	µg/L	GE
0	Iron	15	µg/L	GE
2	Lead	21	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	730	µg/L	GE
2	Manganese	391	µg/L	GE
2	Mercury	5.4	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.0	µg/L	GE
2	Nitrate as nitrogen	178,000	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	24,600	µg/L	GE
0	Sulfate	13,600	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	853,000	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	21	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	20	µg/L	GE
2	Gross alpha	1.3E-07 ± 1.4E-08	µCi/mL	GE
2	Gross alpha	1.1E-07 ± 1.2E-08	µCi/mL	GE
2	Nonvolatile beta	8.1E-07 ± 2.7E-08	µCi/mL	GE
2	Nonvolatile beta	7.8E-07 ± 2.6E-08	µCi/mL	GE
0	Total activity	1.3E-02 ± 8.5E-05	µCi/mL	EM
2	Total radium	1.1E-07 ± 1.4E-08	µCi/mL	GE
2	Total radium	1.1E-07 ± 1.3E-08	µCi/mL	GE
2	Tritium	1.1E-02 ± 1.5E-05	µCi/mL	GE

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 60.95 ft (18.58 m) below TOC
Water elevation: 212.35 ft (64.73 m) msl
Sp. conductance: 1486 µS/cm
Water evacuated before sampling: 68 gal

Time: 9:40
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 20.7°C

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 63.69 ft (19.41 m) below TOC
Water elevation: 208.91 ft (63.68 m) msl
Sp. conductance: 1907 µS/cm
Water evacuated before sampling: 56 gal

Time: 8:40
pH: 3.2
Alkalinity: 0 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.5E-02 ± 8.9E-05	µCi/mL	EM

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 63.52 ft (19.36 m) below TOC
Water elevation: 209.08 ft (63.73 m) msl
Sp. conductance: 1913 µS/cm
Water evacuated before sampling: 56 gal

Time: 9:20
pH: 3.2
Alkalinity: 0 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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
0	Aramite	<10	µg/L	GE
0	Benzene	<1.0	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	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	Chloroprene	<200	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	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)	<1.0	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)	1.6	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dinitrophenol	<45	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Hexachlorophene	<10	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE

WELL FSB 78 collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Pentachlorophenol	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Styrene	<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	2,3,4,6-Tetrachlorophenol	<10	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	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	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Total activity	1.5E-02 ± 9.2E-05	µCi/mL	EM

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91 — Time: 14:20
Depth to water: 63.53 ft (19.36 m) below TOC — pH: 3.1
Water elevation: 209.07 ft (63.73 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1871 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.3	pH	GE
2	Specific conductance	1,900	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
2	Aluminum	24,600	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	217	µg/L	GE
0	Benzene	<1.0	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	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
2	Cadmium	21	µg/L	GE
0	Calcium	2,270	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	4,420	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	11	µg/L	GE
0	Copper	36	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	<25	µg/L	GE

WELL FSB 78 collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Dialiate	<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)	<1.0	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	<20	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 phtnalate	<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	130	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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	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	53	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	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,460	µg/L	GE
2	Manganese	572	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	16	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

ANALYTICAL RESULTS

WELL FSB 78 collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	17	µg/L	GE
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrate as nitrogen	1,070	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	Parathion	< 0.050	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	< 1.0	µg/L	GE
0	PCB 1260	< 1.0	µg/L	GE
0	Pentachlorobenzene	< 10	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	< 0.10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	3,750	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	Selenium	< 2.0	µg/L	GE
0	Silica	140,000	µg/L	GE
0	Silver	2.2	µg/L	GE
0	Sodium	252,000	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
2	Sulfate	980,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 10	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	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total dissolved solids	1.0E+06	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)	< 100	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
2	Uranium	1,600	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	60	µg/L	GE
2	Gross alpha	4.7E-08 ± 9.7E-09	µCi/mL	GE
2	Nonvolatile beta	3.0E-07 ± 2.0E-08	µCi/mL	GE
0	Total activity	1.6E-02 ± 9.3E-05	µCi/mL	EM
2	Total radium	5.6E-08 ± 8.6E-09	µCi/mL	GE
2	Tritium	1.6E-02 ± 1.8E-05	µCi/mL	GE

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 62.33 ft (19.00 m) below TOC
Water elevation: 210.27 ft (64.09 m) msl
Sp. conductance: 1993 µS/cm
Water evacuated before sampling: 59 gal

Time: 10:25
pH: 3.2
Alkalinity: 0 mg/L
Water temperature: 22.4°C

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 117.60 ft (35.84 m) below TOC
Water elevation: 155.00 ft (47.24 m) msl
Sp. conductance: 112 µS/cm
Water evacuated before sampling: 336 gal

Time: 9:55
pH: 6.2
Alkalinity: 43 mg/L
Water temperature: 21.9°C

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 117.33 ft (35.76 m) below TOC
Water elevation: 155.27 ft (47.33 m) msl
Sp. conductance: 108 µS/cm
Water evacuated before sampling: 336 gal

Time: 15:00
pH: 6.0
Alkalinity: 55 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Aluminum	23	µg/L	GE
1	Antimony	3.0	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	17,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,520	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	< 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)	2.1	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	123	µg/L	GE
0	Fluoride	123	µg/L	GE
0	Fluoride	134	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	625	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	80	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Potassium	1,080	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	2,170	µg/L	GE
0	Sulfate	7,410	µg/L	GE
0	Sulfate	7,410	µg/L	GE
0	Sulfate	7,330	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	77,000	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)	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

WELL FSB 78A collected on 07/16/91, 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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-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	Tritium	4.7E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	4.8E-06 ± 4.0E-07	µCi/mL	GE

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 119.63 ft (36.46 m) below TOC
Water elevation: 153.17 ft (46.69 m) msl
Sp. conductance: 248 µS/cm
Water evacuated before sampling: 188 gal
Time: 9:45
pH: 6.9
Alkalinity: 70 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	2.9E-04 ± 4.0E-06	µCi/mL	EM

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 118.48 ft (36.11 m) below TOC
Water elevation: 154.34 ft (47.04 m) msl
Sp. conductance: 239 µS/cm
Water evacuated before sampling: 188 gal
Time: 8:35
pH: 6.8
Alkalinity: 93 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	180	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	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	Calcium	36,700	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	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	736	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	8,700	µg/L	GE
0	Potassium	615	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	5,010	µg/L	GE
0	Sulfate	1,190	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

WELL FSB 78B collected on 07/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	169,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.5	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.4E-09 ± 2.8E-09	µCi/mL	GE
0	Total activity	3.4E-04 ± 4.8E-06	µCi/mL	EM
1	Total radium	3.7E-09 ± 2.8E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 2.4E-09	µCi/mL	GE
2	Tritium	2.7E-04 ± 2.3E-06	µCi/mL	GE

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 66.86 ft (20.38 m) below TOC
Water elevation: 206.64 ft (62.98 m) msl
Sp. conductance: 1867 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.
Time: 15:50
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	9.0E-03 ± 6.9E-05	µCi/mL	EM

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 65.02 ft (19.82 m) below TOC
Water elevation: 208.48 ft (63.55 m) msl
Sp. conductance: 1840 µS/cm
Water evacuated before sampling: 27 gal
The well went dry during purging.
Time: 9:30
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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
0	Aramite	<10	µg/L	GE
0	Benzene	<1.0	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	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	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

ANALYTICAL RESULTS

WELL FSB 78C collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chrysene	<10	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	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)	<1.0	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	<20	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)	2.3	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	1,2-Dichloropropane	<1.0	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	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	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	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	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methyl ethyl ketone	<1.0	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	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	Pentachlorobenzene	<10	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

WELL FSB 78C collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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	Styrene	<1.0	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	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	Thionazin	<10	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<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	2,4,5-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	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Total activity	1.0E-02 ± 7.5E-05	µCi/mL	EM

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 65.45 ft (19.95 m) below TOC
Water elevation: 208.05 ft (63.41 m) msl
Sp. conductance: 1879 µS/cm
Water evacuated before sampling: 26 gal
The well went dry during purging.

Time: 9:00
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
2	Specific conductance	1,600	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
2	Aluminum	11,200	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	459	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
2	Cadmium	17	µg/L	GE
0	Calcium	148,000	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	4,340	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 FSB 78C collected on 07/17/91, 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
2	Cobalt	267	µg/L	GE
2	Copper	1,810	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	<25	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	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)	<1.0	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	<20	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	1,760	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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	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	91	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	8.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	26,700	µg/L	GE
2	Manganese	6,240	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	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE

WELL FSB 78C collected on 07/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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
2	Nickel	116	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	Parathion	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	µg/L	GE
0	Pentachlorobenzene	<10	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	<0.10	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
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,500	µg/L	GE
2	Silver	68	µg/L	GE
0	Sodium	102,000	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	9,620	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	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	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	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 halogens	16	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	1,2,4-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	548	µg/L	GE
0	Gross alpha	6.9E-09 ± 3.4E-08	µCi/mL	GE
0	Gross alpha	8.9E-09 ± 3.4E-08	µCi/mL	GE
2	Nonvolatile beta	1.3E-06 ± 8.0E-08	µCi/mL	GE
0	Total activity	1.1E-02 ± 8.5E-05	µCi/mL	EM
2	Total radium	4.6E-08 ± 7.4E-09	µCi/mL	GE
2	Tritium	8.3E-03 ± 1.3E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 14:10
Depth to water: 15.39 ft (4.69 m) below TOC — pH: 3.2
Water elevation: 202.41 ft (61.70 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1566 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	2.3E-02 ± 1.1E-04	µCi/mL	EM

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91 — Time: 9:20
Depth to water: 14.96 ft (4.56 m) below TOC — pH: 3.2
Water elevation: 202.84 ft (61.83 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1670 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.5	pH	GE
2	Specific conductance	1,200	µS/cm	GE
2	Aluminum	68,700	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	346	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	2.9	µg/L	GE
0	Calcium	1,440	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,510	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	4.8	µg/L	GE
2	Cobalt	151	µg/L	GE
0	Copper	121	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.8	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	189	µg/L	GE
1	Iron	163	µg/L	GE
2	Lead	29	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	720	µg/L	GE
2	Manganese	3,070	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	860	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	57,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	37,600	µg/L	GE
0	Sulfate	121,000	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	646,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	11	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
2	Uranium	1,180	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	130	µg/L	GE
2	Gross alpha	1.2E-07 ± 1.2E-08	µCi/mL	GE

WELL FSB 79 collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	3.7E-07 ± 1.9E-08	µCi/mL	GE
0	Total activity	2.2E-02 ± 1.1E-04	µCi/mL	EM
2	Total radium	3.5E-08 ± 7.9E-09	µCi/mL	GE
2	Tritium	1.6E-02 ± 1.8E-05	µCi/mL	GE

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 13:50
Depth to water: 60.32 ft (18.39 m) below TOC — pH: 6.0
Water elevation: 157.78 ft (43.09 m) msl — Alkalinity: 33 mg/L
Sp. conductance: 85 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 352 gal

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91 — Time: 10:05
Depth to water: 60.09 ft (18.32 m) below TOC — pH: 6.1
Water elevation: 158.01 ft (48.16 m) msl — Alkalinity: 28 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 352 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Aluminum	55	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	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	11,900	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)	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	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	518	µg/L	GE
0	Manganese	4.9	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	160	µg/L	GE
0	Potassium	709	µg/L	GE
0	Selenium	<2.0	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	1,740	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	54,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
1	Total organic halogens	43	µg/L	GE

WELL FSB 79A collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	140	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.3	µg/L	GE
0	Gross alpha	2.7E-09 ± 1.6E-09	µCi/mL	GE
0	Nonvolatile beta	4.3E-09 ± 3.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.9E-06 ± 4.0E-07	µCi/mL	GE

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 60.11 ft (18.32 m) below TOC
Water elevation: 158.09 ft (48.19 m) msl
Sp. conductance: 166 µS/cm
Water evacuated before sampling: 204 gal
Time: 15:00
pH: 6.5
Alkalinity: 63 mg/L
Water temperature: 21.5°C

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 60.12 ft (18.32 m) below TOC
Water elevation: 158.08 ft (48.18 m) msl
Sp. conductance: 172 µS/cm
Water evacuated before sampling: 204 gal
Time: 12:00
pH: 6.5
Alkalinity: 85 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	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	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	28,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,380	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	<4.0	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)	2.6	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	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	562	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	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	90	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	Potassium	<500	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	1,740	µg/L	GE

WELL FSB 79B collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	2,820	µg/L	GE
0	Sulfate	2,740	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	132,000	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)	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
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	3.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.4E-09 ± 3.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.4E-09 ± 3.0E-09	µCi/mL	GE
1	Total radium	3.1E-09 ± 5.3E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 21.20 ft (6.46 m) below TOC
Water elevation: 197.20 ft (60.11 m) msl
Sp. conductance: 1348 µS/cm
Water evacuated before sampling: 124 gal
Time: 15:15
pH: 3.5
Alkalinity: 0 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	9.8E-03 ± 7.2E-05	µCi/mL	EM

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 21.47 ft (6.54 m) below TOC
Water elevation: 196.93 ft (60.02 m) msl
Sp. conductance: 1348 µS/cm
Water evacuated before sampling: 124 gal
Time: 10:30
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
2	Specific conductance	980	µS/cm	GE
2	Aluminum	13,700	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	173	µg/L	GE
0	Benzene	<1.0	µg/L	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	11	µg/L	GE
0	Calcium	4,250	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,300	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
1	Cobalt	25	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)	2.2	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	587	µg/L	GE
0	Fluoride	580	µg/L	GE

ANALYTICAL RESULTS

WELL FSB 79C collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	<4.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	4,010	µg/L	GE
2	Manganese	620	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	1,610	µg/L	GE
2	Nitrate as nitrogen	158,000	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,720	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,600	µg/L	GE
0	Sulfate	2,900	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	667,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.2	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Total silica	5,720	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.080	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	37	µg/L	GE
2	Gross alpha	4.5E-08 ± 8.8E-09	µCi/mL	GE
2	Nonvolatile beta	8.6E-07 ± 2.3E-08	µCi/mL	GE
0	Total activity	1.1E-02 ± 7.7E-05	µCi/mL	EM
2	Total radium	4.9E-08 ± 8.0E-09	µCi/mL	GE
2	Tritium	6.5E-03 ± 1.4E-05	µCi/mL	GE

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 134.92 ft (41.12 m) below TOC
Water elevation: 152.88 ft (46.60 m) msl
Sp. conductance: 111 µS/cm
Water evacuated before sampling: 316 gal
Time: 11:35
pH: 6.1
Alkalinity: 40 mg/L
Water temperature: 23.7°C

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 134.88 ft (41.11 m) below TOC
Water elevation: 152.92 ft (46.61 m) msl
Sp. conductance: 106 µS/cm
Water evacuated before sampling: 316 gal
Time: 10:50
pH: 6.0
Alkalinity: 44 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	80	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	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	15,900	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	<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 FSB 87A collected on 07/16/91, 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	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	581	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	170	µg/L	GE
0	Potassium	847	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	22,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,660	µg/L	GE
0	Sulfate	5,580	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	67,000	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)	250	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	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	7.6E-06 ± 4.0E-07	µCi/mL	GE

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 137.76 ft (41.99 m) below TOC
Water elevation: 149.74 ft (45.64 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 157 gal
Time: 12:00
pH: 5.6
Alkalinity: 9 mg/L
Water temperature: 23.5°C

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 137.92 ft (42.04 m) below TOC
Water elevation: 149.58 ft (45.59 m) msl
Sp. conductance: 70 µS/cm
Water evacuated before sampling: 156 gal
Time: 11:35
pH: 5.5
Alkalinity: 9 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Aluminum	20	µg/L	GE
1	Antimony	2.5	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	8,100	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	6.2	µg/L	GE

WELL FSB 87B collected on 07/16/91, 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)	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	320	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	480	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	3,700	µg/L	GE
0	Potassium	804	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,060	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	<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	6.8	µg/L	GE
0	Total organic halogens	6.2	µg/L	GE
0	Total organic halogens	6.8	µg/L	GE
0	Total organic halogens	6.2	µg/L	GE
0	Total phosphates (as P)	1,090	µg/L	GE
0	Total phosphates (as P)	1,130	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	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	7.3E-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
2	Tritium	5.8E-05 ± 1.1E-06	µCi/mL	GE

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 78.35 ft (23.88 m) below TOC
Water elevation: 209.15 ft (63.75 m) msl
Sp. conductance: 230 µS/cm
Water evacuated before sampling: 160 gal
Time: 12:35
pH: 5.5
Alkalinity: 6 mg/L
Water temperature: 25.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.3E-03 ± 8.3E-06	µCi/mL	EM

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 78.61 ft (23.96 m) below TOC
Water elevation: 208.89 ft (63.67 m) msl
Sp. conductance: 207 µS/cm
Water evacuated before sampling: 160 gal
Time: 12:15
pH: 5.4
Alkalinity: 7 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	155	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	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

WELL FSB 87C collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	15,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,690	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	18	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	4.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,570	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	39,000	µg/L	GE
0	Potassium	623	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,580	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,700	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	170,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	14	µg/L	GE
0	Gross alpha	3.4E-09 ± 2.3E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-08 ± 5.5E-09	µCi/mL	GE
0	Total activity	1.3E-03 ± 8.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.3E-03 ± 5.1E-06	µCi/mL	GE

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 78.15 ft (23.82 m) below TOC
Water elevation: 209.35 ft (63.81 m) msl
Sp. conductance: 199 µS/cm
Water evacuated before sampling: 159 gal
Time: 11:40
pH: 5.7
Alkalinity: 3 mg/L
Water temperature: 20.8°C

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91
The well was dry.
Time: 15:40

ANALYTICAL RESULTS

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 70.65 ft (21.53 m) below TOC
Water elevation: 212.35 ft (64.73 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 141 gal

Time: 11:00
pH: 5.3
Alkalinity: 8 mg/L
Water temperature: 22.3°C

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 70.44 ft (21.47 m) below TOC
Water elevation: 212.56 ft (64.79 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 144 gal

Time: 8:15
pH: 5.3
Alkalinity: 9 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	45	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	Cadmium	<2.0	µg/L	GE
0	Calcium	3,530	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,380	µg/L	GE
0	Chloroform	<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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	496	µg/L	GE
0	Manganese	6.6	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	1,770	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,170	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,460	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	3.3	µg/L	GE
0	Thallium	<2.0	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)	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	Trichloroethylene	1.6	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	2.1E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-08	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 66.40 ft (20.24 m) below TOC
Water elevation: 216.00 ft (65.84 m) msl
Sp. conductance: 220 µS/cm
Water evacuated before sampling: 18 gal
The well went dry during purging.

Time: 14:55
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.9E-04 ± 3.3E-06	µCi/mL	EM

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91
Depth to water: 66.41 ft (20.24 m) below TOC
Water elevation: 215.99 ft (65.83 m) msl
Sp. conductance: 177 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 14:00
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	130	µS/cm	GE
2	Aluminum	959	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	63	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,450	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,310	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	5.5	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)	2.2	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	180	µg/L	GE
0	Iron	36	µg/L	GE
2	Lead	15	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	592	µg/L	GE
2	Manganese	163	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	12	µg/L	GE
2	Nitrate as nitrogen	17,000	µg/L	GE
2	Nitrate as nitrogen	17,000	µg/L	GE
0	Potassium	3,860	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	20,500	µg/L	GE
0	Sulfate	27,400	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	153,000	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)	<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	1.9	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	43	µg/L	GE
2	Gross alpha	5.9E-08 ± 7.2E-09	µCi/mL	GE
2	Nonvolatile beta	2.1E-07 ± 1.2E-08	µCi/mL	GE
0	Total activity	3.1E-04 ± 4.3E-06	µCi/mL	EM
2	Total radium	8.5E-09 ± 4.8E-09	µCi/mL	GE
2	Tritium	2.3E-04 ± 2.2E-06	µCi/mL	GE

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 89.42 ft (21.18 m) below TOC
Water elevation: 211.88 ft (64.58 m) msl
Sp. conductance: 60 µS/cm
Water evacuated before sampling: 148 gal
Time: 7:35
pH: 5.8
Alkalinity: 12 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	60	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	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	5,520	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	<4.0	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	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	442	µg/L	GE
0	Manganese	4.2	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	2,000	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,680	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,410	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	33,000	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)	<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	1.4	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	3.0E-05 ± 8.0E-07	µCi/mL	GE

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 65.70 ft (20.03 m) below TOC
Water elevation: 215.50 ft (65.69 m) msl
Sp. conductance: 453 µS/cm
Water evacuated before sampling: 36 gal
Time: 12:05
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 23.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.5E-03 ± 8.9E-06	µCi/mL	EM

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 65.80 ft (20.06 m) below TOC
Water elevation: 215.40 ft (65.65 m) msl
Sp. conductance: 410 µS/cm
Water evacuated before sampling: 36 gal
Time: 6:45
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 24.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	GE
1	Specific conductance	290	µS/cm	GE
2	Aluminum	6,640	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	2.1	µg/L	GE
0	Calcium	1,370	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	9.0	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	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	210	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	4.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	650	µg/L	GE
2	Manganese	349	µg/L	GE
2	Mercury	2.2	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.7	µg/L	GE
2	Nitrate as nitrogen	42,000	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	30,100	µg/L	GE
0	Sulfate	18,400	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	203,000	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	1.7	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	8.7E-08 ± 1.1E-08	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB 89D collected on 07/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	7.0E-07 ± 2.1E-08	µCi/mL	GE
0	Total activity	1.5E-03 ± 3.0E-05	µCi/mL	EM
2	Total radium	1.8E-08 ± 5.6E-09	µCi/mL	GE
2	Tritium	1.4E-03 ± 5.4E-08	µCi/mL	GE
2	Tritium	1.4E-03 ± 5.4E-08	µCi/mL	GE

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 67.60 ft (20.60 m) below TOC
Water elevation: 210.80 ft (64.25 m) msl
Sp. conductance: 202 µS/cm
Water evacuated before sampling: 140 gal
Time: 9:00
pH: 6.1
Alkalinity: 48 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Aluminum	56	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	50	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	15,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,140	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	<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	260	µg/L	GE
0	Fluoride	260	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	5,630	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	4.3	µg/L	GE
2	Nitrate as nitrogen	12,800	µg/L	GE
2	Nitrate as nitrogen	12,700	µg/L	GE
0	Potassium	1,070	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	11,900	µg/L	GE
0	Sulfate	2,250	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.1	µg/L	GE
0	Thallium	<2.0	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	<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	1.1	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	14	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 4.3E-09	µCi/mL	GE
0	Total activity	7.6E-04 ± 8.4E-06	µCi/mL	EM
0	Total radium	1.7E-09 ± 1.6E-09	µCi/mL	GE
2	Tritium	7.9E-04 ± 4.0E-06	µCi/mL	GE

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 67.28 ft (20.51 m) below TOC
Water elevation: 211.12 ft (64.35 m) msl
Sp. conductance: 211 µS/cm
Water evacuated before sampling: 139 gal
Time: 9:20
pH: 6.4
Alkalinity: 30 mg/L
Water temperature: 20.8°C

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91
Depth to water: 63.23 ft (19.27 m) below TOC
Water elevation: 215.37 ft (65.65 m) msl
Sp. conductance: 420 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.
Time: 8:20
pH: 4.4
Alkalinity: 4 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	2.0E-03 ± 3.5E-05	µCi/mL	EM

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 64.32 ft (19.60 m) below TOC
Water elevation: 214.28 ft (65.31 m) msl
Sp. conductance: 560 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.
Time: 6:30
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 24.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
2	Specific conductance	600	µS/cm	GE
2	Aluminum	6,890	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	155	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	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	6,950	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	8.8	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)	1.1	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	666	µg/L	GE
0	Iron	59	µg/L	GE
2	Lead	48	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,220	µg/L	GE
2	Manganese	466	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	13	µg/L	GE
0	Nitrate as nitrogen	1,430	µg/L	GE
0	Potassium	1,460	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	47,800	µg/L	GE
0	Sulfate	5,720	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 FSB 90D collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	348,000	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	1.3	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	112	µg/L	GE
2	Gross alpha	8.3E-08 ± 1.6E-08	µCi/mL	GE
2	Nonvolatile beta	1.1E-06 ± 3.8E-08	µCi/mL	GE
0	Total activity	2.2E-03 ± 3.6E-05	µCi/mL	EM
2	Total radium	2.7E-08 ± 6.0E-09	µCi/mL	GE
2	Tritium	2.1E-03 ± 6.5E-06	µCi/mL	GE

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 64.01 ft (19.51 m) below TOC
Water elevation: 214.59 ft (65.41 m) msl
Sp. conductance: 558 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 8:45
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 21.3°C

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 68.37 ft (20.84 m) below TOC
Water elevation: 210.93 ft (64.29 m) msl
Sp. conductance: 457 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.

Time: 7:20
pH: 6.3
Alkalinity: 28 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.4	pH	GE
2	Specific conductance	500	µS/cm	GE
0	Aluminum	42	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	113	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	2.3	µg/L	GE
0	Calcium	38,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,500	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	Cobalt	5.7	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	446	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	1,840	µg/L	GE
2	Manganese	224	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.1	µg/L	GE
0	Nitrate as nitrogen	1,700	µg/L	GE
0	Potassium	6,530	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,310	µg/L	GE

WELL FSB 91C collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	28,300	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	1.7	µg/L	GE
0	Total dissolved solids	448,000	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	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
2	Nonvolatile beta	1.6E-06 ± 4.5E-08	µCi/mL	GE
0	Total activity	2.3E-03 ± 9.5E-05	µCi/mL	EM
2	Total radium	7.6E-08 ± 9.8E-09	µCi/mL	GE
2	Tritium	2.4E-03 ± 7.1E-06	µCi/mL	GE
2	Tritium	2.2E-03 ± 6.6E-06	µCi/mL	GE

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 65.84 ft (20.07 m) below TOC
Water elevation: 213.36 ft (65.03 m) msl
Sp. conductance: 962 µS/cm
Water evacuated before sampling: 33 gal

Time: 13:45
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 24.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	5.5E-03 ± 5.4E-05	µCi/mL	EM

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 65.87 ft (20.08 m) below TOC
Water elevation: 213.33 ft (65.02 m) msl
Sp. conductance: 834 µS/cm
Water evacuated before sampling: 36 gal

Time: 10:20
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.6	pH	GE
2	Specific conductance	900	µS/cm	GE
2	Aluminum	26,500	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	276	µg/L	GE
0	Benzene	<1.0	µg/L	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	5.4	µg/L	GE
0	Calcium	4,860	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,220	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	Cobalt	8.9	µg/L	GE
0	Copper	8.3	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	831	µg/L	GE
0	Iron	36	µg/L	GE
0	Lead	<3.0	µg/L	GE

ANALYTICAL RESULTS

WELL FSB 91D collected on 07/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,810	µg/L	GE
2	Manganese	648	µg/L	GE
2	Mercury	3.0	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	16	µg/L	GE
2	Nitrate as nitrogen	82,000	µg/L	GE
0	Potassium	1,130	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	48,400	µg/L	GE
0	Sulfate	15,300	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	426,000	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)	<100	µg/L	GE
2	Total silica	11,300	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	38	µg/L	GE
2	Gross alpha	1.4E-07 ± 1.8E-08	µCi/mL	GE
2	Nonvolatile beta	1.3E-06 ± 4.2E-08	µCi/mL	GE
0	Total activity	5.6E-03 ± 5.5E-05	µCi/mL	EM
2	Total radium	5.9E-08 ± 8.9E-09	µCi/mL	GE
2	Tritium	5.6E-03 ± 1.1E-05	µCi/mL	GE

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/02/91
Depth to water: 63.90 ft (19.48 m) below TOC
Water elevation: 212.00 ft (64.62 m) msl
Sp. conductance: 1302 µS/cm
Water evacuated before sampling: 27 gal

Time: 14:15
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.8E-02 ± 9.9E-05	µCi/mL	EM

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 64.06 ft (19.53 m) below TOC
Water elevation: 211.84 ft (64.57 m) msl
Sp. conductance: 1355 µS/cm
Water evacuated before sampling: 28 gal

Time: 13:00
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 24.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.6	pH	GE
2	Specific conductance	1,500	µS/cm	GE
2	Aluminum	38,900	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	215	µg/L	GE
0	Benzene	<1.0	µg/L	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	5.8	µg/L	GE
0	Calcium	2,430	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	11,900	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	6.5	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

WELL FSB 92D collected on 07/15/91, 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-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	1,020	µg/L	GE
0	Iron	22	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	2,010	µg/L	GE
2	Manganese	519	µg/L	GE
0	Mercury	0.25	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	12	µg/L	GE
2	Nitrate as nitrogen	187,000	µg/L	GE
0	Potassium	635	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,250	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	24,500	µg/L	GE
0	Sulfate	8,150	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	530,000	µg/L	GE
0	Total dissolved solids	585,000	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)	<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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	37	µg/L	GE
2	Gross alpha	9.9E-08 ± 2.5E-08	µCi/mL	GE
2	Gross alpha	1.2E-07 ± 2.8E-08	µCi/mL	GE
2	Nonvolatile beta	1.6E-06 ± 5.6E-08	µCi/mL	GE
2	Nonvolatile beta	1.7E-06 ± 5.8E-08	µCi/mL	GE
0	Total activity	2.0E-02 ± 1.0E-04	µCi/mL	EM
2	Total radium	7.6E-08 ± 9.7E-09	µCi/mL	GE
2	Tritium	2.1E-02 ± 2.0E-05	µCi/mL	GE

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 67.30 ft (20.51 m) below TOC
Water elevation: 208.90 ft (63.67 m) msl
Sp. conductance: 394 µS/cm
Water evacuated before sampling: 176 gal

Time: 13:45
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
1	Specific conductance	300	µS/cm	GE
0	Aluminum	76	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	70	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	27,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,740	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	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

WELL FSB 93C collected on 07/15/91, 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	<0.0060	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	7,150	µg/L	GE
2	Manganese	89	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	10	µg/L	GE
2	Nitrate as nitrogen	40,500	µg/L	GE
0	Potassium	1,090	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,540	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
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	294,000	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	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	1.6	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	101	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	4.3E-08 ± 5.7E-09	µCi/mL	GE
0	Total activity	1.9E-03 ± 3.3E-05	µCi/mL	EM
1	Total radium	3.4E-09 ± 3.1E-09	µCi/mL	GE
2	Tritium	1.9E-03 ± 6.3E-06	µCi/mL	GE

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 — Time: 10:00
Depth to water: 66.84 ft (20.37 m) below TOC — pH: 4.8
Water elevation: 209.36 ft (63.81 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 396 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 177 gal

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91 — Time: 8:15
Depth to water: 65.49 ft (19.96 m) below TOC — pH: 5.8
Water elevation: 210.61 ft (64.19 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 852 µS/cm — Water temperature: 20.6°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	1,400	µS/cm	GE
2	Aluminum	28,600	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	267	µg/L	GE
0	Benzene	<1.0	µg/L	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	23	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,950	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	10	µg/L	GE
0	Copper	24	µg/L	GE

WELL FSB 93D collected on 07/16/91, 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	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	856	µg/L	GE
1	Iron	299	µg/L	GE
2	Lead	47	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	10,200	µg/L	GE
2	Manganese	784	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	1,120	µg/L	GE
0	Potassium	1,570	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,710	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	59,300	µg/L	GE
0	Sulfate	41,500	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	2.0	µg/L	GE
0	Total dissolved solids	725,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	66	µg/L	GE
2	Gross alpha	2.9E-08 ± 2.1E-08	µCi/mL	GE
2	Nonvolatile beta	4.1E-06 ± 7.1E-08	µCi/mL	GE
0	Total activity	1.4E-02 ± 8.6E-05	µCi/mL	EM
2	Total radium	6.1E-08 ± 8.8E-09	µCi/mL	GE
2	Tritium	1.3E-02 ± 1.6E-05	µCi/mL	GE

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91 — Time: 8:35
Depth to water: 73.02 ft (22.26 m) below TOC — pH: 4.5
Water elevation: 208.08 ft (63.42 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 1914 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 36 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
2	Specific conductance	2,100	µS/cm	GE
2	Aluminum	6,150	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	656	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
2	Cadmium	17	µg/L	GE
0	Calcium	144,000	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
2	Chloroethene (Vinyl chloride)	3.9	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	25	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.3	µg/L	GE
2	Cobalt	324	µg/L	GE
0	Copper	4.5	µg/L	GE
0	Cyanide	<25	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
2	1,1-Dichloroethylene	27	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.8	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 FSB 94C collected on 07/16/91, 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	1.6	µg/L	GE
0	Fluoride	907	µg/L	GE
2	Iron	427	µg/L	GE
0	Lead	6.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	17,700	µg/L	GE
2	Manganese	11,600	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	81	µg/L	GE
0	Nitrate as nitrogen	560	µg/L	GE
0	Potassium	18,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	136,000	µg/L	GE
0	Sulfate	4,790	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	2.7	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	1.7E+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)	<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
2	Trichloroethylene	71	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	121	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	2.3E-06 ± 1.1E-07	µCi/mL	GE
0	Total activity	2.6E-03 ± 3.9E-05	µCi/mL	EM
2	Total radium	1.1E-07 ± 1.7E-08	µCi/mL	GE
2	Tritium	1.2E-02 ± 1.6E-05	µCi/mL	GE

WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91 — Time: 14:45
Depth to water: 70.68 ft (21.54 m) below TOC — pH: 2.9
Water elevation: 209.84 ft (63.96 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2290 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.2	pH	GE
2	Specific conductance	3,200	µS/cm	GE
2	Aluminum	92,800	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	924	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,590	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,020	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	7.0	µg/L	GE
2	Cobalt	40	µg/L	GE
0	Copper	68	µg/L	GE
0	Cyanide	6.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	360	µg/L	GE
0	Iron	58	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,230	µg/L	GE

WELL FSB 94DR collected on 07/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Manganese	6,310	µg/L	GE
2	Mercury	3.0	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	44	µg/L	GE
0	Nitrate as nitrogen	1,650	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	82,000	µg/L	GE
0	Silver	3.4	µg/L	GE
0	Sodium	141,000	µg/L	GE
2	Sulfate	437,000	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	1.6E+06	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
0	Total organic halogens	24	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
2	Uranium	1,830	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	120	µg/L	GE
2	Gross alpha	6.2E-07 ± 6.5E-08	µCi/mL	GE
2	Nonvolatile beta	1.7E-06 ± 9.8E-08	µCi/mL	GE
0	Total activity	3.0E-02 ± 2.8E-04	µCi/mL	EM
2	Total radium	9.5E-08 ± 1.3E-08	µCi/mL	GE
2	Total radium	1.1E-07 ± 1.4E-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: 07/15/91 — Time: 16:25
Depth to water: 76.80 ft (23.35 m) below TOC — pH: 4.3
Water elevation: 207.40 ft (63.22 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1494 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
2	Specific conductance	1,500	µS/cm	GE
2	Aluminum	14,700	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	603	µg/L	GE
0	Benzene	<1.0	µg/L	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	98,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,840	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	5.5	µg/L	GE
2	Cobalt	290	µg/L	GE
0	Copper	19	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	835	µg/L	GE
0	Fluoride	838	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	17,400	µg/L	GE
2	Manganese	5,430	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	71	µg/L	GE
0	Nitrate as nitrogen	1,310	µg/L	GE

WELL FSB 95CR collected on 07/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	6,250	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	173,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	96,300	µg/L	GE
0	Sulfate	102,000	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	1.1E+08	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	28	µg/L	GE
0	Total organic halogens	24	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	295	µg/L	GE
2	Gross alpha	1.0E-07 ± 3.8E-08	µCi/mL	GE
2	Nonvolatile beta	1.7E-06 ± 9.5E-08	µCi/mL	GE
0	Total activity	7.5E-03 ± 6.4E-05	µCi/mL	EM
2	Total radium	4.3E-08 ± 8.7E-09	µCi/mL	GE
2	Tritium	7.6E-03 ± 1.2E-05	µCi/mL	GE

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91 — Time: 17:05
Depth to water: 74.13 ft (22.60 m) below TOC — pH: 3.0
Water elevation: 209.87 ft (64.00 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2299 µS/cm — Water temperature: 23.4°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.3	pH	GE
2	Specific conductance	3,050	µS/cm	GE
2	Aluminum	97,500	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	678	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	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	1,600	µg/L	GE
0	Carbon tetrachloride	<1.0	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	8.7	µg/L	GE
2	Cobalt	41	µg/L	GE
0	Copper	69	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	272	µg/L	GE
1	Iron	227	µg/L	GE
2	Lead	26	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,250	µg/L	GE
2	Manganese	5,350	µg/L	GE
1	Mercury	1.1	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	47	µg/L	GE
0	Nitrate as nitrogen	1,010	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,420	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	129,000	µg/L	GE
0	Silver	5.0	µg/L	GE
0	Sodium	33,600	µg/L	GE
2	Sulfate	725,000	µg/L	GE

WELL FSB 95DR collected on 07/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	1.8E+06	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total organic halogens	12	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
2	Uranium	2,780	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	165	µg/L	GE
2	Gross alpha	5.7E-07 ± 6.6E-08	µCi/mL	GE
2	Nonvolatile beta	1.8E-06 ± 1.0E-07	µCi/mL	GE
0	Total activity	2.8E-02 ± 2.8E-04	µCi/mL	EM
2	Total radium	9.7E-08 ± 1.1E-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: 07/15/91 — Time: 18:00
Depth to water: 129.21 ft (39.38 m) below TOC — pH: 6.7
Water elevation: 151.99 ft (46.33 m) msl — Alkalinity: 86 mg/L
Sp. conductance: 175 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 192 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	170	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	36	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	30,600	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	<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	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	635	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	230	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	21,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,980	µg/L	GE
0	Sulfate	1,890	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	144,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	36	µg/L	GE

ANALYTICAL RESULTS

WELL FSB 96AR collected on 07/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<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	5.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.7E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 4.1E-09	µCi/mL	GE
0	Tritium	6.2E-06 ± 4.0E-07	µCi/mL	GE

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 — Time: 9:05
Depth to water: 133.98 ft (40.84 m) below TOC — pH: 6.5
Water elevation: 152.12 ft (46.37 m) msl — Alkalinity: 75 mg/L
Sp. conductance: 281 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 176 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	230	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	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	41,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,630	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)	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	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,270	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
2	Nitrate as nitrogen	15,300	µg/L	GE
0	Potassium	615	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	16,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,240	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	201,000	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
2	Total silica	18,100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE

WELL FSB 97A collected on 07/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	5.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 3.0E-09	µCi/mL	GE
0	Total activity	5.4E-04 ± 5.5E-06	µCi/mL	EM
2	Total radium	5.5E-09 ± 3.5E-09	µCi/mL	GE
2	Tritium	5.0E-04 ± 3.1E-06	µCi/mL	GE

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91 — Time: 14:05
Depth to water: 77.62 ft (23.66 m) below TOC — pH: 3.7
Water elevation: 208.48 ft (63.55 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2238 µS/cm — Water temperature: 23.0°C
Water evacuated before sampling: 30 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	GE
2	Specific conductance	2,150	µS/cm	GE
2	Aluminum	20,900	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	143	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,010	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,760	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
2	Cobalt	99	µg/L	GE
0	Copper	15	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	752	µg/L	GE
0	Iron	52	µg/L	GE
2	Lead	21	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,290	µg/L	GE
2	Manganese	1,340	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	1,220	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,770	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,100	µg/L	GE
0	Sulfate	14,000	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	1.1E+06	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	31	µg/L	GE
0	Total organic halogens	21	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Total silica	7,030	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Tributyl phosphate	38	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
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 FSB 97C collected on 07/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	43	µg/L	GE
2	Gross alpha	5.9E-07 ± 7.4E-08	µCi/mL	GE
2	Nonvolatile beta	1.6E-06 ± 9.1E-08	µCi/mL	GE
0	Total activity	2.5E-02 ± 1.3E-04	µCi/mL	EM
2	Total radium	1.4E-07 ± 1.3E-08	µCi/mL	GE
2	Tritium	2.0E-02 ± 2.0E-05	µCi/mL	GE

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 6:30
Depth to water: 75.16 ft (22.91 m) below TOC pH: 5.9
Water elevation: 210.84 ft (64.26 m) msl Alkalinity: 1 mg/L
Sp. conductance: 573 µS/cm Water temperature: 20.3°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	4.3	pH	GE
2	Specific conductance	1,200	µS/cm	GE
2	Aluminum	42,700	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	486	µg/L	GE
0	Benzene	<1.0	µg/L	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	5.8	µg/L	GE
0	Calcium	58,900	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	8.6	µg/L	GE
1	Cobalt	25	µg/L	GE
0	Copper	30	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	461	µg/L	GE
2	Iron	4,650	µg/L	GE
2	Lead	237	µg/L	GE
0	Magnesium	2,580	µg/L	GE
2	Manganese	2,380	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	74	µg/L	GE
0	Nitrate as nitrogen	1,140	µg/L	GE
0	Potassium	1,260	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	51,900	µg/L	GE
0	Silver	3.3	µg/L	GE
0	Sodium	178,000	µg/L	GE
1	Sulfate	249,000	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	1.2	µg/L	GE
0	Total dissolved solids	1.0E+06	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	7.5	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
2	Uranium	2,720	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	194	µg/L	GE
2	Gross alpha	1.9E-07 ± 3.8E-08	µCi/mL	GE
2	Nonvolatile beta	6.6E-07 ± 6.0E-08	µCi/mL	GE
0	Total activity	3.8E-03 ± 4.6E-05	µCi/mL	EM
2	Total radium	1.7E-08 ± 5.7E-09	µCi/mL	GE
2	Tritium	1.4E-02 ± 1.7E-05	µCi/mL	GE
2	Tritium	1.4E-02 ± 1.7E-05	µCi/mL	GE

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 10:40
Depth to water: 75.00 ft (22.86 m) below TOC pH: 3.8
Water elevation: 211.00 ft (64.31 m) msl Alkalinity: 0 mg/L
Sp. conductance: 2710 µS/cm Water temperature: 21.9°C
Water evacuated before sampling: 4 gal
There was insufficient water to fill all or some sample bottles.

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 7:45
Depth to water: 73.96 ft (22.54 m) below TOC pH: 3.2
Water elevation: 209.14 ft (63.75 m) msl Alkalinity: 0 mg/L
Sp. conductance: 1778 µS/cm Water temperature: 21.3°C
Water evacuated before sampling: 164 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.4	pH	GE
2	Specific conductance	1,500	µS/cm	GE
2	Aluminum	9,860	µg/L	GE
0	Antimony	<2.0	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	976	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
1	Cobalt	39	µg/L	GE
0	Copper	11	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	503	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	444	µg/L	GE
2	Manganese	620	µg/L	GE
0	Mercury	0.24	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.7	µg/L	GE
2	Nitrate as nitrogen	444,000	µg/L	GE
2	Nitrate as nitrogen	446,000	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,080	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	649,000	µg/L	GE
0	Total dissolved solids	649,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	13	µg/L	GE
2	Gross alpha	4.9E-07 ± 6.2E-08	µCi/mL	GE
2	Nonvolatile beta	1.5E-06 ± 8.7E-08	µCi/mL	GE
0	Total activity	1.4E-02 ± 8.7E-05	µCi/mL	EM

ANALYTICAL RESULTS

WELL FSB 98C collected on 07/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Total radium	7.3E-08 ± 9.3E-09	µCi/mL	GE
2	Tritium	1.3E-02 ± 1.7E-05	µCi/mL	GE

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 71.41 ft (21.77 m) below TOC
Water elevation: 211.69 ft (64.52 m) msl
Sp. conductance: 2286 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.
Time: 7:15
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
2	Specific conductance	2,500	µS/cm	GE
2	Aluminum	99,100	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	1,930	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	3.9	µg/L	GE
0	Calcium	11,60	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,110	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
2	Cobalt	308	µg/L	GE
0	Copper	94	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	417	µg/L	GE
2	Iron	817	µg/L	GE
2	Lead	24	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,430	µg/L	GE
2	Manganese	12,100	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	93	µg/L	GE
0	Nitrate as nitrogen	1,440	µg/L	GE
0	Potassium	2,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	87,600	µg/L	GE
0	Silver	5.0	µg/L	GE
0	Sodium	354,000	µg/L	GE
0	Sulfate	40,500	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	7.6	µg/L	GE
0	Total dissolved solids	1.9E+06	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
1	Total organic halogens	37	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
2	Uranium	4,810	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	171	µg/L	GE
2	Gross alpha	9.2E-07 ± 9.7E-08	µCi/mL	GE
2	Gross alpha	9.8E-07 ± 1.0E-07	µCi/mL	GE
2	Nonvolatile beta	1.6E-06 ± 9.2E-08	µCi/mL	GE
2	Nonvolatile beta	1.4E-06 ± 8.8E-08	µCi/mL	GE
0	Total activity	3.2E-02 ± 1.3E-04	µCi/mL	EM
2	Total radium	8.9E-08 ± 1.0E-08	µCi/mL	GE
2	Tritium	3.0E-02 ± 2.5E-05	µCi/mL	GE

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 138.08 ft (42.09 m) below TOC
Water elevation: 149.52 ft (45.57 m) msl
Sp. conductance: 167 µS/cm
Water evacuated before sampling: 148 gal
Time: 11:50
pH: 6.7
Alkalinity: 75 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	125	µS/cm	GE
0	Aluminum	41	µg/L	GE
0	Antimony	2.2	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	26,100	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	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	110	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	4.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,290	µg/L	GE
0	Manganese	6.0	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	2,720	µg/L	GE
0	Potassium	1,020	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	16,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,040	µg/L	GE
0	Sulfate	1,340	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)	370	µg/L	GE
0	Total phosphates (as P)	370	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	3.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09 ± 2.8E-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 FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91 Time: 11:50
Depth to water: 138.08 ft (42.09 m) below TOC pH: 6.7
Water elevation: 149.52 ft (45.57 m) msl Alkalinity: 75 mg/L
Sp. conductance: 167 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	Specific conductance	130	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	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	26,100	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	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	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	1,300	µg/L	GE
0	Manganese	6.1	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	2,600	µg/L	GE
0	Potassium	1,040	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	3,060	µg/L	GE
0	Sulfate	1,380	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	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)	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	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.0E-04 ± 1.5E-06	µCi/mL	GE

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91 Time: 10:55
Depth to water: 77.95 ft (23.76 m) below TOC pH: 5.4
Water elevation: 209.75 ft (63.93 m) msl Alkalinity: 7 mg/L
Sp. conductance: 373 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
1	Specific conductance	295	µS/cm	GE
1	Aluminum	131	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	91	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	16,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,280	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	4.9	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	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	8,430	µg/L	GE
2	Manganese	97	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.6	µg/L	GE
2	Nitrate as nitrogen	37,000	µg/L	GE
2	Nitrate as nitrogen	38,000	µg/L	GE
0	Potassium	858	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,130	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	28,700	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	294,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	59	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	76	µg/L	GE
1	Gross alpha	7.9E-09 ± 3.9E-09	µCi/mL	GE
2	Nonvolatile beta	7.6E-08 ± 6.3E-09	µCi/mL	GE
0	Total activity	2.8E-03 ± 1.3E-05	µCi/mL	EM
2	Total radium	1.0E-08 ± 4.3E-09	µCi/mL	GE
2	Tritium	2.1E-03 ± 6.4E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91 Time: 10:15
Depth to water: 74.67 ft (22.76 m) below TOC pH: 4.5
Water elevation: 212.93 ft (64.90 m) msl Alkalinity: 0 mg/L
Sp. conductance: 48 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	35	µS/cm	GE
1	Aluminum	161	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	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,830	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)	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	6.5	µg/L	GE
0	Lead	4.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	265	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,340	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,190	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	35,000	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)	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	7.9	µg/L	GE
1	Gross alpha	9.7E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08 ± 4.4E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 1.6E-09	µCi/mL	GE
2	Tritium	4.5E-05 ± 1.0E-06	µCi/mL	GE

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 17:10
Depth to water: 135.54 ft (41.31 m) below TOC pH: 6.1
Water elevation: 150.46 ft (45.86 m) msl Alkalinity: 74 mg/L
Sp. conductance: 192 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	150	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	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	26,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,630	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	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	<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	5,600	µg/L	GE
0	Potassium	1,850	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	8,450	µg/L	GE
0	Sulfate	1,670	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	121,000	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)	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
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	6.8	µg/L	GE
0	Gross alpha	2.0E-09 ± 1.2E-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	2.9E-09 ± 1.7E-09	µCi/mL	GE
2	Tritium	1.8E-04 ± 1.9E-06	µCi/mL	GE

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 16:20
Depth to water: 134.59 ft (41.02 m) below TOC pH: 6.8
Water elevation: 150.61 ft (45.91 m) msl Alkalinity: 68 mg/L
Sp. conductance: 158 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	125	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	29	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	2,950	µg/L	GE
0	Chloride	2,960	µg/L	GE
0	Chloroform	<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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0030	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	641	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	1,640	µg/L	GE
0	Nitrate as nitrogen	1,640	µg/L	GE
0	Potassium	3,840	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,310	µg/L	GE
0	Sulfate	1,850	µg/L	GE
0	Sulfate	1,820	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Total dissolved solids	93,000	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	Trichloroethylene	<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 ± 1.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 9:20
Depth to water: 5.91 ft (1.80 m) below TOC pH: 4.3
Water elevation: 195.19 ft (59.49 m) msl Alkalinity: 0 mg/L
Sp. conductance: 431 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 129 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.3E-03 ± 8.4E-06	µCi/mL	EM

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 14:15
Depth to water: 5.81 ft (1.77 m) below TOC pH: 4.3
Water elevation: 195.29 ft (59.53 m) msl
Sp. conductance: 400 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 132 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
1	Specific conductance	325	µS/cm	GE
2	Aluminum	1,040	µg/L	GE
0	Antimony	<2.0	µg/L	GE
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
1	Cadmium	6.0	µg/L	GE
0	Calcium	15,500	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
1	Cobalt	40	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)	1.2	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	320	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	5,520	µg/L	GE
2	Manganese	905	µg/L	GE
0	Mercury	0.44	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	18	µg/L	GE
2	Nitrate as nitrogen	42,000	µg/L	GE
0	Potassium	776	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	40,100	µg/L	GE
0	Sulfate	3,280	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)	180	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	39	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	4.9E-07 ± 1.5E-08	µCi/mL	GE
0	Total activity	1.4E-03 ± 8.7E-06	µCi/mL	EM
2	Total radium	2.5E-08 ± 6.6E-09	µCi/mL	GE
2	Tritium	1.0E-03 ± 4.3E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91
Depth to water: 39.39 ft (12.01 m) below TOC
Water elevation: 203.01 ft (61.88 m) msl
Sp. conductance: 255 µS/cm
Water evacuated before sampling: 148 gal
Time: 15:05
pH: 5.4
Alkalinity: 7 mg/L
Water temperature: 24.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	7.3E-04 ± 2.2E-05	µCi/mL	EM

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 38.78 ft (11.82 m) below TOC
Water elevation: 203.62 ft (62.06 m) msl
Sp. conductance: 246 µS/cm
Water evacuated before sampling: 148 gal
Time: 11:05
pH: 6.0
Alkalinity: 8 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	180	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	27,400	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	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	5.9	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	2,630	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	5.4	µg/L	GE
2	Nitrate as nitrogen	21,600	µg/L	GE
0	Potassium	839	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	10,000	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	224,000	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	LC
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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	30	µg/L	GE

WELL FSB103C collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-08 ± 4.2E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-08 ± 4.4E-09	µCi/mL	GE
0	Total activity	7.6E-04 ± 6.3E-06	µCi/mL	EM
0	Total radium	1.6E-09 ± 2.5E-09	µCi/mL	GE
2	Tritium	7.2E-04 ± 3.7E-06	µCi/mL	GE

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 17.48 ft (5.32 m) below TOC
Water elevation: 201.64 ft (61.46 m) msl
Sp. conductance: 345 µS/cm
Water evacuated before sampling: 136 gal
Time: 12:35
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
1	Specific conductance	285	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	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	35,900	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	<4.0	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)	1.2	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	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	5,340	µg/L	GE
1	Manganese	35	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	580	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,100	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	287,000	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)	100	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	56	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	3.4E-08 ± 4.3E-09	µCi/mL	GE
0	Total activity	1.2E-03 ± 8.0E-06	µCi/mL	EM
1	Total radium	3.6E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	8.9E-04 ± 4.1E-06	µCi/mL	GE

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91
Depth to water: 14.39 ft (4.39 m) below TOC
Water elevation: 204.81 ft (62.43 m) msl
Sp. conductance: 835 µS/cm
Water evacuated before sampling: 50 gal
Time: 11:20
pH: 3.5
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.5E-02 ± 8.8E-05	µCi/mL	EM

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 14.04 ft (4.28 m) below TOC
Water elevation: 205.16 ft (62.53 m) msl
Sp. conductance: 868 µS/cm
Water evacuated before sampling: 40 gal
Time: 13:20
pH: 3.5
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	GE
2	Specific conductance	800	µS/cm	GE
2	Aluminum	44,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	200	µg/L	GE
0	Benzene	<1.0	µg/L	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	3,140	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,960	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
2	Cobalt	58	µg/L	GE
0	Copper	53	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	345	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	2,890	µg/L	GE
2	Manganese	1,380	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	22	µg/L	GE
2	Nitrate as nitrogen	140,000	µg/L	GE
0	Potassium	598	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	38,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	70,800	µg/L	GE
0	Sulfate	16,800	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	489,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	16	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
2	Uranium	1,190	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	67	µg/L	GE
2	Gross alpha	2.5E-07 ± 2.1E-08	µCi/mL	GE

WELL FSB104D collected on 07/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	1.0E-06 ± 2.6E-08	µCi/mL	GE
0	Total activity	1.1E-02 ± 7.8E-05	µCi/mL	EM
2	Total radium	3.0E-08 ± 6.0E-09	µCi/mL	GE
2	Tritium	9.1E-03 ± 1.4E-05	µCi/mL	GE

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 77.98 ft (23.77 m) below TOC
Water elevation: 207.82 ft (63.34 m) msl
Sp. conductance: 1584 µS/cm
Water evacuated before sampling: 176 gal
Time: 10:00
pH: 3.4
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.6	pH	GE
2	Specific conductance	1,330	µS/cm	GE
2	Aluminum	10,600	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	111	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	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	2,510	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,600	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
2	Cobalt	104	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	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	739	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	1,090	µg/L	GE
2	Manganese	1,050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	13	µg/L	GE
0	Nitrate as nitrogen	1,920	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,540	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10,900	µg/L	GE
0	Sulfate	6,610	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	736,000	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)	<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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	29	µg/L	GE
2	Gross alpha	1.6E-07 ± 4.0E-08	µCi/mL	GE
2	Nonvolatile beta	1.3E-06 ± 8.1E-08	µCi/mL	GE
0	Total activity	1.2E-02 ± 8.2E-05	µCi/mL	EM
2	Total radium	1.0E-07 ± 1.1E-08	µCi/mL	GE
2	Tritium	1.2E-02 ± 1.6E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 11:05
Depth to water: 77.66 ft (23.67 m) below TOC pH: 3.4
Water elevation: 208.14 ft (63.44 m) msl Alkalinity: 0 mg/L
Sp. conductance: 1508 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 175 gal

WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 10:35
Depth to water: 74.91 ft (22.83 m) below TOC pH: 3.2
Water elevation: 210.69 ft (64.22 m) msl Alkalinity: 0 mg/L
Sp. conductance: 2286 µS/cm Water temperature: 23.0°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.3	pH	GE
2	Specific conductance	2,600	µS/cm	GE
2	Aluminum	185,000	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	1,550	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<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	10,600	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	5.4	µg/L	GE
2	Cobalt	563	µg/L	GE
0	Copper	187	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	512	µg/L	GE
0	Fluoride	516	µg/L	GE
2	Iron	824	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,790	µg/L	GE
2	Manganese	18,400	µg/L	GE
0	Mercury	0.85	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nickel	173	µg/L	GE
0	Nitrate as nitrogen	1,440	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,410	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	66,800	µg/L	GE
0	Silver	5.6	µg/L	GE
0	Sodium	77,200	µg/L	GE
0	Sulfate	16,800	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	1.3E+06	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)	<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
2	Uranium	3,700	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	250	µg/L	GE
2	Gross alpha	7.2E-07 ± 7.6E-08	µCi/mL	GE
2	Nonvolatile beta	1.7E-06 ± 9.6E-08	µCi/mL	GE
0	Total activity	3.6E-02 ± 1.4E-04	µCi/mL	EM

WELL FSB105DR collected on 07/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Total radium	8.5E-08 ± 1.0E-08	µCi/mL	GE
2	Tritium	3.5E-02 ± 2.7E-05	µCi/mL	GE

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 10:15
Depth to water: 33.84 ft (10.31 m) below TOC pH: 4.8
Water elevation: 201.26 ft (61.34 m) msl Alkalinity: 1 mg/L
Sp. conductance: 716 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 119 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	2.4E-03 ± 1.1E-05	µCi/mL	EM

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 Time: 11:50
Depth to water: 32.89 ft (10.02 m) below TOC pH: 6.5
Water elevation: 202.21 ft (61.63 m) msl Alkalinity: 0 mg/L
Sp. conductance: 693 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
2	Specific conductance	700	µS/cm	GE
2	Aluminum	1,120	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	3.1	µg/L	GE
0	Calcium	10,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,320	µg/L	GE
0	Chloride	4,320	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	17	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	519	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	2,140	µg/L	GE
2	Manganese	360	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.1	µg/L	GE
2	Nitrate as nitrogen	64,500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,570	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	7,540	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	509,000	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)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE

WELL FSB106C collected on 07/25/91, 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
0	Trichloroethylene	1.7	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	13	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	2.5E-07 ± 1.1E-08	µCi/mL	GE
0	Total activity	2.6E-03 ± 3.8E-05	µCi/mL	EM
2	Total radium	2.9E-08 ± 7.5E-09	µCi/mL	GE
2	Tritium	2.5E-03 ± 7.2E-06	µCi/mL	GE

WELL FSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 Time: 6:25
Depth to water: 28.06 ft (8.55 m) below TOC pH: 6.4
Water elevation: 206.84 ft (63.05 m) msl Alkalinity: 42 mg/L
Sp. conductance: 122 µS/cm Water temperature: 23.2°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	6.7	pH	GE
0	Specific conductance	125	µS/cm	GE
0	Aluminum	<20	µg/L	GE
2	Antimony	5.8	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	16,100	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	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	1,2-Dichloropropane	<1.0	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	678	µg/L	GE
0	Manganese	22	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nickel	62	µg/L	GE
0	Nitrate as nitrogen	3,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	541	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,080	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,780	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	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	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)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	2.0	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	406	µg/L	GE
2	Tritium	1.9E-04 ± 1.9E-06	µCi/mL	GE

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 Time: 13:25
Depth to water: 60.13 ft (18.33 m) below TOC pH: 6.7
Water elevation: 210.77 ft (64.24 m) msl Alkalinity: 63 mg/L
Sp. conductance: 189 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 156 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	170	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.1	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	27,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,250	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)	<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	1,920	µg/L	GE
1	Manganese	37	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	4,450	µg/L	GE
0	Potassium	<500	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	5,710	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	110,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
0	Total phosphates (as P)	360	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	6.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	4.4E-08 ± 5.0E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	1.1E-04 ± 1.5E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 Time: 12:55
Depth to water: 57.01 ft (17.38 m) below TOC pH: 3.6
Water elevation: 213.99 ft (65.22 m) msl Alkalinity: 0 mg/L
Sp. conductance: 425 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
1	Specific conductance	320	µS/cm	GE
2	Aluminum	6,700	µg/L	GE
0	Antimony	<2.0	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	Calcium	770	µg/L	GE
0	Carbon tetrachloride	<1.0	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	8.5	µg/L	GE
0	Copper	12	µg/L	GE
0	Cyanide	5.8	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	573	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	5.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	482	µg/L	GE
2	Manganese	340	µg/L	GE
1	Mercury	1.9	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	7.1	µg/L	GE
2	Nitrate as nitrogen	21,900	µg/L	GE
2	Nitrate as nitrogen	21,900	µg/L	GE
0	Potassium	<500	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	15,800	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	180,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	30	µg/L	LC
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
1	Trichlorofluoromethane	5.4	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	16	µg/L	GE
2	Gross alpha	1.7E-07 ± 1.7E-08	µCi/mL	GE
2	Nonvolatile beta	1.1E-06 ± 2.7E-08	µCi/mL	GE
0	Total activity	6.0E-04 ± 2.1E-05	µCi/mL	EM
2	Total radium	4.6E-08 ± 1.1E-08	µCi/mL	GE
2	Total radium	3.0E-08 ± 9.1E-09	µCi/mL	GE
2	Tritium	5.4E-04 ± 3.3E-06	µCi/mL	GE

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91 Time: 8:00
Depth to water: 82.31 ft (25.09 m) below TOC pH: 6.5
Water elevation: 215.69 ft (65.74 m) msl Alkalinity: 23 mg/L
Sp. conductance: 74 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 8 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	50	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	7,500	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	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	57	µg/L	GE
0	Lead	3.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	589	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	6.5	µg/L	GE
0	Nitrate as nitrogen	1,200	µg/L	GE
0	Nitrate as nitrogen	1,200	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,170	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,560	µg/L	GE
0	Sulfate	1,930	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	45,000	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)	<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	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
1	Total radium	3.3E-09 ± 3.7E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91 — Time: 7:30
Depth to water: 81.47 ft (24.83 m) below TOC — pH: 6.3
Water elevation: 211.63 ft (64.51 m) msl — Alkalinity: 21 mg/L
Sp. conductance: 64 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	45	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	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	1,990	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	Cobalt	< 4.0	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	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	787	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	7.1	µg/L	GE
0	Nitrate as nitrogen	1,730	µg/L	GE
0	Potassium	2,560	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	Sodium	7,320	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	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
-	Total dissolved solids	45,000	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	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	468	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 2.2E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	1.2E-04 ± 1.5E-06	µCi/mL	GE

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91 — Time: 9:20
Depth to water: 31.72 ft (9.67 m) below TOC — pH: 6.4
Water elevation: 202.78 ft (61.81 m) msl — Alkalinity: 22 mg/L
Sp. conductance: 394 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 172 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
1	Specific conductance	275	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	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	35,300	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)	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	< 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	4,360	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	4.3	µg/L	GE
2	Nitrate as nitrogen	28,800	µg/L	GE
0	Potassium	2,560	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	13,400	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	296,000	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)	< 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	Uranium	< 1,000	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	Gross alpha	< 2.0E-09	µCi/mL	GE
2	Nonvolatile beta	5.9E-08 ± 6.1E-09	µCi/mL	GE
1	Nonvolatile beta	4.3E-08 ± 5.7E-09	µCi/mL	GE
0	Total activity	8.3E-04 ± 6.7E-06	µCi/mL	EM
1	Total radium	4.3E-09 ± 3.6E-09	µCi/mL	GE
2	Tritium	1.0E-03 ± 4.5E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91
Depth to water: 28.89 ft (8.81 m) below TOC
Water elevation: 205.81 ft (62.67 m) msl
Sp. conductance: 1735 µS/cm
Water evacuated before sampling: 40 gal

Time: 11:40
pH: 3.2
Alkalinity: 0 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	2.4E-02 ± 1.1E-04	µCi/mL	EM

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: 28.10 ft (8.56 m) below TOC
Water elevation: 206.40 ft (62.91 m) msl
Sp. conductance: 1826 µS/cm
Water evacuated before sampling: 40 gal

Time: 9:40
pH: 3.3
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.3	pH	GE
2	Specific conductance	2,200	µS/cm	GE
2	Aluminum	95,100	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	128	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,080	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,240	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	9.8	µg/L	GE
0	Cobalt	11	µg/L	GE
0	Copper	118	µg/L	GE
0	Cyanide	10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	164	µg/L	GE
2	Iron	345	µg/L	GE
0	Lead	4.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	721	µg/L	GE
2	Manganese	733	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	35	µg/L	GE
2	Nitrate as nitrogen	254,000	µg/L	GE
0	Potassium	925	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	128,000	µg/L	GE
0	Silver	3.4	µg/L	GE
0	Sodium	133,000	µg/L	GE
1	Sulfate	207,000	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	885,000	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	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Total silica	127,000	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

WELL FSB110D collected on 07/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Uranium	2,800	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	142	µg/L	GE
2	Gross alpha	5.1E-07 ± 6.8E-08	µCi/mL	GE
2	Nonvolatile beta	1.7E-06 ± 8.3E-08	µCi/mL	GE
0	Total activity	1.9E-02 ± 2.3E-04	µCi/mL	EM
2	Total radium	4.9E-08 ± 1.2E-08	µCi/mL	GE
2	Total radium	5.4E-08 ± 1.2E-08	µCi/mL	GE
2	Tritium	2.3E-02 ± 2.1E-05	µCi/mL	GE

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91
Depth to water: 64.08 ft (19.53 m) below TOC
Water elevation: 212.22 ft (64.69 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 140 gal

Time: 13:50
pH: 5.4
Alkalinity: 9 mg/L
Water temperature: 23.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	50	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	Cadmium	<2.0	µg/L	GE
0	Calcium	4,920	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,900	µg/L	GE
0	Chloroform	1.1	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	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	375	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	2,000	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,870	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,360	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	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)	90	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
1	Trichloroethylene	4.5	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.9	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	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	5.4E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	5.4E-06 ± 4.0E-07	µCi/mL	GE

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91
Depth to water: 64.08 ft (19.53 m) below TOC
Water elevation: 212.22 ft (64.69 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 140 gal

Time: 13:50
pH: 5.4
Alkalinity: 9 mg/L
Water temperature: 23.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Aluminum	<20	µg/L	GE

WELL FSB111C collected on 07/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	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	Calcium	5,050	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,700	µg/L	GE
0	Chloride	3,840	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	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)	<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	Fluoride	<100	µg/L	GE
0	Iron	4.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	387	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,990	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	9,330	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,590	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	46,000	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
1	Trichloroethylene	4.4	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	Zinc	5.2	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	5.9E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	5.9E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	6.0E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	6.0E-06 ± 4.0E-07	µCi/mL	GE

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 14:15
Depth to water: 61.19 ft (18.65 m) below TOC pH: 4.7
Water elevation: 215.41 ft (65.66 m) msl Alkalinity: 1 mg/L
Sp. conductance: 35 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	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	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	776	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,300	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	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)	3.3	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	526	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,310	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,690	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,410	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.4	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	6.1	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
1	Trichlorofluoromethane	6.5	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.0E-09 ± 3.3E-09	µCi/mL	GE
0	Nonvolatile beta	8.0E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 — Time: 8:40
Depth to water: 75.68 ft (23.07 m) below TOC — pH: 8.6
Water elevation: 153.42 ft (46.76 m) msl — Alkalinity: 73 mg/L
Sp. conductance: 199 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 192 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.0	pH	GE
0	Specific conductance	150	µS/cm	GE
1	Aluminum	133	µg/L	GE
1	Antimony	2.7	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	50	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	31,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,630	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	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	178	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	553	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	5,420	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	34,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,360	µg/L	GE
0	Sulfate	11,600	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	135,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
0	Total phosphates (as P)	530	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	3.9E-08 ± 4.5E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	1.9E-04 ± 1.9E-06	µCi/mL	GE

WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 — Time: 9:40
Depth to water: 26.50 ft (8.08 m) below TOC — pH: 4.8
Water elevation: 202.60 ft (61.75 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 1558 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 192 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
2	Specific conductance	1,700	µS/cm	GE
2	Aluminum	3,400	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	474	µg/L	GE
0	Benzene	<1.0	µg/L	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	72,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	10,400	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
2	Cobalt	138	µg/L	GE
0	Copper	5.1	µg/L	GE
0	Cyanide	38	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	1,120	µg/L	GE
0	Fluoride	1,120	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	28,400	µg/L	GE
2	Manganese	2,820	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nickel	54	µg/L	GE
2	Nitrate as nitrogen	197,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	714	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,740	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	95,500	µg/L	GE
0	Sulfate	101,000	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	1.2E+06	µg/L	GE
0	Total dissolved solids	1.2E+06	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	32	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	93	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	3.5E-07 ± 1.3E-08	µCi/mL	GE
0	Total activity	7.8E-03 ± 6.4E-05	µCi/mL	EM
2	Total radium	1.6E-07 ± 1.9E-08	µCi/mL	GE
2	Tritium	7.6E-03 ± 1.3E-05	µCi/mL	GE

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91 — Time: 9:55
Depth to water: 22.86 ft (6.97 m) below TOC — pH: 3.6
Water elevation: 208.74 ft (63.02 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 2170 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
2	Specific conductance	1,850	µS/cm	GE
2	Aluminum	9,160	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	108	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	6,000	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
1	Cobalt	39	µg/L	GE
0	Copper	14	µg/L	GE
0	Cyanide	64	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	849	µg/L	GE
0	Iron	40	µg/L	GE
1	Lead	8.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	414	µg/L	GE
2	Manganese	803	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	172,000	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	1,190	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,400	µg/L	GE
0	Sulfate	13,700	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	703,000	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	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
2	Nonvolatile beta	8.2E-07 ± 2.0E-08	µCi/mL	GE
0	Total activity	1.0E-02 ± 7.3E-05	µCi/mL	EM
2	Total radium	2.3E-07 ± 2.1E-08	µCi/mL	GE
2	Tritium	1.0E-02 ± 1.4E-05	µCi/mL	GE

WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 — Time: 12:30
Depth to water: 64.95 ft (19.80 m) below TOC — pH: 11.4
Water elevation: 156.25 ft (48.24 m) msl — Alkalinity: 348 mg/L
Sp. conductance: 1336 µS/cm — Water temperature: 24.9°C
Water evacuated before sampling: 204 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,250	µS/cm	GE
2	Aluminum	4,670	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	109	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	98,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,450	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	6.4	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)	1.8	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	270	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	79	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	890	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	16,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,710	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14,200	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	358,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 3.8E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 3.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.7E-05 ± 7.0E-07	µCi/mL	GE
2	Tritium	2.7E-05 ± 7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 Time: 12:00
Depth to water: 20.51 ft (6.25 m) below TOC pH: 11.3
Water elevation: 202.39 ft (61.69 m) msl Alkalinity: 325 mg/L
Sp. conductance: 1077 µS/cm Water temperature: 24.5°C
Water evacuated before sampling: 33 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
2	Aluminum	268	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	229	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	96,000	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	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)	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	190	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	72	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	2,900	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	Silica	6,590	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,550	µg/L	GE
0	Sulfate	7,570	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	2.6	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	499,000	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	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	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 ± 3.1E-09	µCi/mL	GE
2	Tritium	4.6E-05 ± 1.0E-06	µCi/mL	GE
2	Tritium	4.6E-05 ± 1.0E-06	µCi/mL	GE

WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 Time: 9:15
Depth to water: 14.81 ft (4.51 m) below TOC pH: 4.6
Water elevation: 207.69 ft (63.30 m) msl Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	30	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	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	725	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	Cobalt	<4.0	µg/L	GE
0	Copper	6.7	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)	<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	26	µg/L	GE
2	Lead	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	681	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	840	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	5,950	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,390	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.1	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 carbon	<1,000	µg/L	GE
0	Total organic halogens	10	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	2,4,5-TP (Silvex)	<0.090	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	19	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	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 11:40
Inaccessibility or pump failure prevented sample collection.

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91 Time: 7:40
Depth to water: 97.00 ft (29.57 m) below TOC pH: 9.8
Water elevation: 155.00 ft (47.24 m) msl Alkalinity: 95 mg/L
Sp. conductance: 200 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 156 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.3	pH	GE
0	Specific conductance	100	µS/cm	GE
2	Aluminum	208	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.1	µg/L	GE
0	Barium	70	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	23,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,910	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	<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	6.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
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	2,120	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	12,900	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	6,510	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	67,000	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)	310	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	1.3E-08 ± 1.6E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 11:45
Inaccessibility or pump failure prevented sample collection.

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91 Time: 7:55
Depth to water: 38.95 ft (11.87 m) below TOC pH: 5.6
Water elevation: 213.25 ft (65.00 m) msl Alkalinity: 12 mg/L
Sp. conductance: 52 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	60	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	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	4,980	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,880	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	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	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	33	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	491	µg/L	GE
0	Manganese	9.4	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	2,320	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	515	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,530	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,020	µg/L	GE
0	Sulfate	1,050	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 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	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	Nonvolatile beta	2.2E-09 ± 1.1E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	5.9E-06 ± 4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 11:50
Inaccessibility or pump failure prevented sample collection.

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91 Time: 8:15
Depth to water: 35.43 ft (10.80 m) below TOC pH: 5.1
Water elevation: 216.77 ft (66.07 m) msl Alkalinity: 3 mg/L
Sp. conductance: 47 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	40	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	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	996	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,780	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)	<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	45	µg/L	GE
0	Lead	3.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	477	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	6.5	µg/L	GE
0	Nitrate as nitrogen	2,220	µg/L	GE
0	Nitrate as nitrogen	2,260	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	6,280	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,380	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	110,000	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)	<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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	29	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 ± 3.0E-09	µCi/mL	GE
0	Tritium	9.7E-06 ± 5.0E-07	µCi/mL	GE

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 Time: 7:40
Depth to water: 25.67 ft (7.82 m) below TOC pH: 5.3
Water elevation: 182.13 ft (55.51 m) msl Alkalinity: 7 mg/L
Sp. conductance: 45 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	5.9	pH	GE
0	Specific conductance	35	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	4.9	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	1,460	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	Cobalt	<4.0	µg/L	GE
0	Copper	4.7	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)	<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	63	µg/L	GE
0	Lead	3.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	292	µg/L	GE
0	Manganese	8.1	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	610	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	7,570	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,260	µg/L	GE
0	Sulfate	3,550	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	39,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	33	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	9.3E-08 ± 5.0E-07	µCi/mL	GE
0	Tritium	9.3E-06 ± 5.0E-07	µCi/mL	GE

WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 11:10
Depth to water: 18.70 ft (5.09 m) below TOC pH: 4.8
Water elevation: 191.80 ft (58.46 m) msl Alkalinity: 5 mg/L
Sp. conductance: 20 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	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	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	Calcium	468	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)	<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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	316	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	5.4	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	5,790	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,230	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	Thallium	<2.0	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	<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	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	<2.0E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 3.0E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE
1	Tritium	1.5E-05 ± 6 0E-07	µCi/mL	GE

WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 Time: 9:50
Depth to water: 12.67 ft (3.95 m) below TOC pH: 4.9
Water elevation: 189.53 ft (57.77 m) msl Alkalinity: 2 mg/L
Sp. conductance: 28 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	25	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	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	Calcium	955	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	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	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	428	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	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	Selenium	<2.0	µg/L	GE
0	Silica	6,080	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,950	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	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	<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	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	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
1	Tritium	1.4E-05 ± 6.0E-07	µCi/mL	GE
1	Tritium	1.4E-05 ± 6.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 Time: 7:10
Depth to water: 11.16 ft (3.40 m) below TOC pH: 4.7
Water elevation: 191.74 ft (58.44 m) msl Alkalinity: 16 mg/L
Sp. conductance: 31 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

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	<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	557	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	<4.0	µg/L	GE
0	Copper	38	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	34	µg/L	GE
2	Lead	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	476	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	17	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	GE
0	Nitrate as nitrogen	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	Silica	8,710	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	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	38,000	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	<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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	333	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	2.0E-09 ± 3.6E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91 Time: 10:30
Depth to water: 25.57 ft (7.79 m) below TOC pH: 3.4
Water elevation: 205.13 ft (62.52 m) msl Alkalinity: 0 mg/L
Sp. conductance: 987 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	GE
2	Specific conductance	1,000	µS/cm	GE
2	Aluminum	29,900	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	212	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	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	1,770	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	Cobalt	16	µg/L	GE
0	Copper	23	µg/L	GE
0	Cyanide	21	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	420	µg/L	GE
2	Iron	345	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,530	µg/L	GE
2	Manganese	876	µg/L	GE
0	Mercury	0.32	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	13	µg/L	GE
2	Nitrate as nitrogen	111,000	µg/L	GE
2	Nitrate as nitrogen	113,000	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	12,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,500	µg/L	GE
0	Sulfate	7,490	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	297,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	9.6	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
2	Uranium	1,160	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	48	µg/L	GE
2	Gross alpha	9.6E-08 ± 8.5E-09	µCi/mL	GE
2	Nonvolatile beta	3.2E-07 ± 1.3E-08	µCi/mL	GE
0	Total activity	5.6E-03 ± 1.3E-04	µCi/mL	EM
2	Total radium	7.3E-08 ± 1.2E-08	µCi/mL	GE
2	Tritium	5.7E-03 ± 1.1E-05	µCi/mL	GE

WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91 Time: 10:00
Depth to water: 35.73 ft (10.89 m) below TOC pH: 6.0
Water elevation: 207.57 ft (63.27 m) msl Alkalinity: 25 mg/L
Sp. conductance: 83 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.3	pH	GE
0	Specific conductance	80	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	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	10,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,000	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	<0.0060	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	541	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	<4.0	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	7,250	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,430	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	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)	<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	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	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91 Time: 11:15
Depth to water: 46.09 ft (14.05 m) below TOC pH: 3.3
Water elevation: 208.01 ft (63.40 m) msl Alkalinity: 0 mg/L
Sp. conductance: 1758 µS/cm Water temperature: 23.8°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
2	Specific conductance	1,800	µS/cm	GE
2	Aluminum	43,200	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	177	µg/L	GE
0	Benzene	<1.0	µg/L	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	5.2	µg/L	GE
0	Calcium	3,120	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,200	µg/L	GE
0	Chloride	8,600	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
1	Cobalt	25	µg/L	GE
0	Copper	34	µg/L	GE
0	Cyanide	34	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	649	µg/L	GE
2	Iron	469	µg/L	GE
1	Lead	9.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,220	µg/L	GE
2	Manganese	1,020	µg/L	GE
0	Mercury	0.43	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	21	µg/L	GE
2	Nitrate as nitrogen	196,000	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	13,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	39,300	µg/L	GE
0	Sulfate	11,200	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	704,000	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)	300	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	70	µg/L	GE
2	Gross alpha	1.5E-07 ± 1.3E-08	µCi/mL	GE
2	Nonvolatile beta	4.9E-07 ± 1.6E-08	µCi/mL	GE
0	Total activity	2.0E-02 ± 2.4E-04	µCi/mL	EM
2	Total radium	1.3E-07 ± 1.5E-08	µCi/mL	GE
2	Tritium	2.0E-02 ± 2.0E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91 Time: 12:30
Depth to water: 132.70 ft (40.45 m) below TOC pH: 11.3
Water elevation: 147.40 ft (44.93 m) msl Alkalinity: 175 mg/L
Sp. conductance: 669 µS/cm Water temperature: 24.6°C
Water evacuated before sampling: 128 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	550	µS/cm	GE
2	Aluminum	2,590	µg/L	GE
0	Antimony	2.2	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	85,100	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	4.5	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)	<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	197	µg/L	GE
0	Fluoride	194	µg/L	GE
0	Iron	5.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	136	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
1	Nitrate as nitrogen	5,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	8,540	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	8,720	µg/L	GE
0	Sulfate	1,550	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	230,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
0	Total phosphates (as P)	210	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	4.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 2.8E-09	µCi/mL	GE
1	Total radium	3.0E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	2.1E-04 ± 2.0E-06	µCi/mL	GE

WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91 Time: 13:15
Depth to water: 73.27 ft (22.33 m) below TOC pH: 5.8
Water elevation: 208.43 ft (62.92 m) msl Alkalinity: 10 mg/L
Sp. conductance: 491 µS/cm Water temperature: 24.8°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
2	Specific conductance	500	µS/cm	GE
0	Aluminum	80	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	146	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	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	Cobalt	13	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	132	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	12,500	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	11	µg/L	GE
2	Nitrate as nitrogen	58,000	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	9,730	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	39,600	µg/L	GE
0	Sulfate	9,930	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	404,000	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	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	38	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 2.9E-09	µCi/mL	GE
0	Total activity	2.4E-03 ± 3.7E-05	µCi/mL	EM
2	Total radium	1.3E-08 ± 5.2E-09	µCi/mL	GE
2	Tritium	2.2E-03 ± 6.6E-06	µCi/mL	GE

WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91 Time: 6:50
Depth to water: 70.73 ft (21.56 m) below TOC pH: 7.3
Water elevation: 209.77 ft (63.94 m) msl Alkalinity: 58 mg/L
Sp. conductance: 157 µS/cm Water temperature: 24.6°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	3.0	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	5,720	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	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	492	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	1,150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	10,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,560	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19,500	µg/L	GE
0	Sulfate	8,020	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	76,000	µg/L	GE
0	Total dissolved solids	95,000	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)	<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	Uranium	<1,000	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	8.3E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 3.0E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91 Time: 9:20
Depth to water: 51.93 ft (15.83 m) below TOC pH: 5.8
Water elevation: 204.57 ft (62.35 m) msl Alkalinity: 7 mg/L
Sp. conductance: 36 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	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	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	1,750	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	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	7.1	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	590	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	9,720	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,610	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	<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	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	4.1E-09 ± 2.4E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 1.5E-09	µCi/mL	GE
2	Tritium	6.6E-05 ± 1.2E-06	µCi/mL	GE
2	Tritium	6.5E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: 18.05 ft (5.50 m) below TOC
Water elevation: 199.95 ft (60.95 m) msl
Sp. conductance: 678 µS/cm
Water evacuated before sampling: 104 gal

Time: 13:20
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 24.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
2	Specific conductance	650	µS/cm	GE
2	Aluminum	659	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	154	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	32,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,420	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	13	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	308	µg/L	GE
0	Iron	6.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	15,400	µg/L	GE
2	Manganese	246	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	17	µg/L	GE
2	Nitrate as nitrogen	80,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,680	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	52,800	µg/L	GE
0	Sulfate	3,960	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	320,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,360	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	110	µg/L	GE
0	Gross alpha	2.3E-09 ± 2.2E-09	µCi/mL	GE
0	Gross alpha	2.8E-09 ± 2.3E-09	µCi/mL	GE
1	Nonvolatile beta	3.8E-08 ± 5.4E-09	µCi/mL	GE
1	Nonvolatile beta	4.1E-08 ± 5.6E-09	µCi/mL	GE
0	Total activity	3.0E-03 ± 4.2E-05	µCi/mL	EM
2	Total radium	1.3E-08 ± 5.3E-09	µCi/mL	GE
2	Tritium	2.6E-03 ± 7.2E-06	µCi/mL	GE
2	Tritium	2.6E-03 ± 7.2E-06	µCi/mL	GE

WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: 13.80 ft (4.21 m) below TOC
Water elevation: 203.80 ft (62.12 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 44 gal

Time: 13:40
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	30	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	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	2,510	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)	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	Iron	44	µg/L	GE
0	Lead	6.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,310	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	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	6,320	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,470	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	<10	µg/L	LC
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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	19	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 3.4E-09	µCi/mL	GE
0	Total activity	1.3E-04 ± 2.9E-06	µCi/mL	EM
0	Total radium	1.3E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	2.5E-04 ± 2.2E-06	µCi/mL	GE

WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 7:40
Depth to water: 27.91 ft (8.51 m) below TOC pH: 5.8
Water elevation: 210.19 ft (64.07 m) msl Alkalinity: 17 mg/L
Sp. conductance: 78 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	65	µS/cm	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	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	8,860	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,240	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	<4.0	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	662	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	3,300	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	11,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,820	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	63,000	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	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	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 ± 2.7E-09	µCi/mL	GE
0	Tritium	3.2E-06 ± 3.0E-07	µCi/mL	GE

WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91 Time: 7:55
Depth to water: 25.89 ft (7.89 m) below TOC pH: 4.7
Water elevation: 212.21 ft (64.68 m) msl Alkalinity: 0 mg/L
Sp. conductance: 37 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	30	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	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	592	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,080	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	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	54	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	670	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	1,700	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	8,120	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,250	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	6.6	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	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	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 06/22/91
Depth to water: 40.09 ft (12.22 m) below TOC
Water elevation: 225.91 ft (68.86 m) msl
Sp. conductance: 140 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 11:35
pH: 6.2
Alkalinity: 49 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	174	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	31,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,640	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	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)	2.4	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	8.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	374	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	Nickel	5.4	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	<500	µg/L	GE
0	Selenium	24	µg/L	GE
0	Silica	6,630	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,460	µg/L	GE
0	Sulfate	1,770	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	<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	Gross alpha	4.3E-09 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	8.7E-09 ± 2.8E-09	µCi/mL	GE
2	Total radium	1.2E-08 ± 5.5E-09	µCi/mL	GE
0	Tritium	8.6E-06 ± 4.0E-07	µCi/mL	GE

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 36.09 ft (11.00 m) below TOC
Water elevation: 225.51 ft (68.74 m) msl
Sp. conductance: 103 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging

Time: 11:10
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	73	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	26	µg/L	GE

WELL FSS 2D collected on 08/22/91, 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	3,210	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	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	9.1	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
2	Iron	777	µg/L	GE
1	Lead	8.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,710	µg/L	GE
2	Manganese	194	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.0	µg/L	GE
0	Nitrate as nitrogen	630	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,120	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	9,750	µg/L	GE
0	Sulfate	30,100	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	33,000	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)	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 3.6E-09	µCi/mL	GE
0	Total activity	1.3E-04 ± 3.0E-06	µCi/mL	EM
2	Total radium	5.9E-09 ± 1.8E-09	µCi/mL	GE
2	Tritium	1.2E-04 ± 1.5E-06	µCi/mL	GE

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 34.60 ft (10.55 m) below TOC
Water elevation: 223.60 ft (68.15 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging

Time: 10:45
pH: 5.2
Alkalinity: 5 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	65	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	1,240	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,820	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

WELL FSS 3D collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Copper	53	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.9	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	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	70	µg/L	GE
2	Lead	124	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	870	µg/L	GE
2	Manganese	90	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	6.8	µg/L	GE
0	Nitrate as nitrogen	600	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	1,370	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,090	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,720	µg/L	GE
0	Sulfate	13,200	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	65,000	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)	390	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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 ± 1.1E-09	µCi/mL	GE
2	Tritium	2.7E-05 ± 7.0E-07	µCi/mL	GE

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 — Time: 11:55
Depth to water: 71.83 ft (21.89 m) below TOC — pH: 4.9
Water elevation: 219.97 ft (67.05 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	45	µS/cm	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	1,200	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	<4.0	µg/L	GE
0	Copper	8.3	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)	2.7	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	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	937	µg/L	GE

WELL FSS 4D collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	743	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	2,160	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	9,210	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,330	µg/L	GE
0	Sulfate	1,910	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	56,000	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)	<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	1.3	µg/L	GE
0	Trichlorofluoromethane	3.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	4.9E-06 ± 3.0E-07	µCi/mL	GE

WELL FTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 13:15
The well was dry.

WELL FTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 13:20
The well was dry.

WELL FTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 12:45
Depth to water: 56.50 ft (17.22 m) below TOC — pH: 6.1
Water elevation: 223.50 ft (68.12 m) msl
Sp. conductance: 140 µS/cm — Water temperature: 32.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	80	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Gross alpha	3.2E-09 ± 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.9E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL FTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 — Time: 10:10
Depth to water: 54.90 ft (16.73 m) below TOC — pH: 7.0
Water elevation: 223.60 ft (68.15 m) msl
Sp. conductance: 131 µS/cm — Water temperature: 29.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,080	µg/L	GE
0	Sodium	4,810	µg/L	GE
0	Gross alpha	2.3E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	8.6E-09 ± 2.4E-09	µCi/mL	GE
2	Total radium	5.3E-09 ± 4.0E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 8:50
Depth to water: 53.50 ft (16.31 m) below TOC pH: 7.7
Water elevation: 223.80 ft (68.22 m) msl
Sp. conductance: 200 µS/cm Water temperature: 24.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,640	µg/L	GE
0	Sodium	25,700	µg/L	GE
2	Gross alpha	3.0E-08 ± 6.9E-09	µCi/mL	GE
2	Nonvolatile beta	6.0E-07 ± 1.7E-08	µCi/mL	GE
2	Total radium	9.9E-08 ± 5.1E-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 FTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 10:30
Depth to water: 54.90 ft (16.73 m) below TOC pH: 7.3
Water elevation: 223.10 ft (68.00 m) msl
Sp. conductance: 392 µS/cm Water temperature: 34.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,010	µg/L	GE
0	Sodium	4,960	µg/L	GE
0	Gross alpha	4.7E-09 ± 2.3E-09	µCi/mL	GE
1	Nonvolatile beta	3.7E-08 ± 4.6E-09	µCi/mL	GE
2	Total radium	1.4E-08 ± 6.0E-09	µCi/mL	GE
0	Tritium	6.8E-06 ± 4.0E-07	µCi/mL	GE

WELL FTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 13:00
Depth to water: 57.40 ft (17.50 m) below TOC pH: 8.0
Water elevation: 222.60 ft (67.85 m) msl
Sp. conductance: 30 µS/cm Water temperature: 38.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	100	µg/L	GE
0	Sodium	4,540	µg/L	GE
0	Gross alpha	6.1E-09 ± 4.6E-09	µCi/mL	GE
2	Nonvolatile beta	2.1E-07 ± 1.5E-08	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL FTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 10:50
The well was dry.

WELL FTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 13:25
The well was dry.

WELL FTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 13:45
The well was dry.

WELL FTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 13:30
The well was dry.

WELL FTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 13:35
Depth to water: 48.80 ft (14.87 m) below TOC pH: 8.0
Water elevation: 222.90 ft (67.94 m) msl
Sp. conductance: 196 µS/cm Water temperature: 25.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	4,800	µg/L	GE
0	Sodium	5,350	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.2E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.9E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL FTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 9:20
Depth to water: 60.00 ft (18.29 m) below TOC pH: 10.2
Water elevation: 225.80 ft (68.82 m) msl
Sp. conductance: 492 µS/cm Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	4,300	µg/L	GE
0	Nitrate as nitrogen	4,100	µg/L	GE
0	Sodium	4,030	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.1E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 3.1E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL FTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 8:45
The well was dry.

WELL FTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 9:10
Depth to water: 62.50 ft (19.05 m) below TOC pH: 5.9
Water elevation: 224.00 ft (68.28 m) msl
Sp. conductance: 55 µS/cm Water temperature: 22.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,950	µg/L	GE
0	Sodium	3,630	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	6.3E-09 ± 4.5E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL FTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 9:30
Depth to water: 66.00 ft (20.12 m) below TOC pH: 6.2
Water elevation: 222.60 ft (67.85 m) msl
Sp. conductance: 77 µS/cm Water temperature: 24.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,660	µg/L	GE
0	Sodium	4,120	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 ± 2.9E-09	µCi/mL	GE
0	Tritium	8.1E-06 ± 4.0E-07	µCi/mL	GE

WELL FTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 9:55
Depth to water: 66.50 ft (20.27 m) below TOC pH: 5.8
Water elevation: 223.10 ft (68.00 m) msl
Sp. conductance: 61 µS/cm Water temperature: 23.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,580	µg/L	GE
0	Sodium	5,420	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 2.0E-09	µCi/mL	GE
2	Total radium	6.8E-09 ± 4.3E-09	µCi/mL	GE
0	Tritium	8.1E-06 ± 4.0E-07	µCi/mL	GE

WELL FTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 10:15
Depth to water: 65.40 ft (19.93 m) below TOC pH: 5.6
Water elevation: 222.60 ft (67.85 m) msl
Sp. conductance: 66 µS/cm Water temperature: 24.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,500	µg/L	GE
0	Sodium	7,470	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 3.8E-09	µCi/mL	GE
2	Total radium	5.0E-09 ± 3.8E-09	µCi/mL	GE
0	Tritium	5.2E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	5.3E-06 ± 3.0E-07	µCi/mL	GE

WELL FTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 10:30
Depth to water: 65.00 ft (19.81 m) below TOC pH: 5.7
Water elevation: 222.20 ft (67.73 m) msl
Sp. conductance: 63 µS/cm Water temperature: 27.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,650	µg/L	GE
0	Sodium	5,330	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 3.0E-09	µCi/mL	GE
2	Total radium	6.1E-09 ± 4.1E-09	µCi/mL	GE
0	Tritium	7.3E-06 ± 4.0E-07	µCi/mL	GE

WELL FTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 10:50
Depth to water: 65.20 ft (19.87 m) below TOC pH: 5.6
Water elevation: 221.90 ft (67.64 m) msl
Sp. conductance: 54 µS/cm Water temperature: 27.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,140	µg/L	GE
0	Sodium	5,630	µg/L	GE
0	Gross alpha	2.8E-09 ± 1.5E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 2.1E-09	µCi/mL	GE
2	Total radium	5.1E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	9.0E-06 ± 4.0E-07	µCi/mL	GE

WELL FTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 11:00
Depth to water: 65.00 ft (19.81 m) below TOC pH: 11.2
Water elevation: 222.50 ft (67.82 m) msl
Sp. conductance: 4050 µS/cm Water temperature: 27.4°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	320	µg/L	GE
0	Sodium	42,600	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	2.9E-08 ± 1.8E-08	µCi/mL	GE
1	Total radium	4.3E-09 ± 3.7E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL FTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 12:00
Depth to water: 65.10 ft (19.84 m) below TOC pH: 5.4
Water elevation: 221.70 ft (67.57 m) msl
Sp. conductance: 88 µS/cm Water temperature: 27.7°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,690	µg/L	GE
0	Sodium	6,480	µg/L	GE
0	Gross alpha	2.2E-09 ± 1.8E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 4.0E-09	µCi/mL	GE
1	Total radium	4.8E-09 ± 3.8E-09	µCi/mL	GE
0	Tritium	9.6E-06 ± 5.0E-07	µCi/mL	GE

WELL FTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 12:30
Depth to water: 64.80 ft (19.75 m) below TOC pH: 5.3
Water elevation: 221.20 ft (67.42 m) msl
Sp. conductance: 61 µS/cm Water temperature: 27.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,060	µg/L	GE
0	Sodium	6,090	µg/L	GE
0	Gross alpha	2.2E-09 ± 1.2E-09	µCi/mL	GE
3	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	9.5E-06 ± 5.0E-07	µCi/mL	GE
0	Tritium	9.7E-06 ± 5.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FTF 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 13:20
Depth to water: 48.50 ft (14.78 m) below TOC pH: 7.9
Water elevation: 221.80 ft (67.61 m) msl
Sp. conductance: 104 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,960	µg/L	GE
0	Sodium	10,500	µg/L	GE
0	Gross alpha	6.5E-09 ± 2.9E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 4.1E-09	µCi/mL	GE
2	Total radium	1.4E-08 ± 7.2E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL FTF 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 12:30
Depth to water: 48.60 ft (14.81 m) below TOC pH: 7.7
Water elevation: 222.60 ft (67.85 m) msl
Sp. conductance: 202 µS/cm Water temperature: 29.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,580	µg/L	GE
0	Sodium	12,300	µg/L	GE
1	Gross alpha	9.2E-09 ± 3.8E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08 ± 5.8E-09	µCi/mL	GE
2	Total radium	3.1E-08 ± 9.0E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 5.0E-07	µCi/mL	GE

WELL FTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 12:50
Depth to water: 48.50 ft (14.78 m) below TOC pH: 7.4
Water elevation: 222.40 ft (67.79 m) msl
Sp. conductance: 210 µS/cm Water temperature: 24.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	4,000	µg/L	GE
0	Nitrate as nitrogen	3,900	µg/L	GE
0	Sodium	8,820	µg/L	GE
0	Gross alpha	5.8E-09 ± 2.9E-09	µCi/mL	GE
2	Nonvolatile beta	8.9E-08 ± 6.8E-09	µCi/mL	GE
2	Total radium	3.0E-08 ± 8.4E-09	µCi/mL	GE
2	Tritium	6.4E-05 ± 1.1E-06	µCi/mL	GE

WELL FTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 13:00
Depth to water: 48.60 ft (14.81 m) below TOC pH: 7.8
Water elevation: 221.90 ft (67.64 m) msl
Sp. conductance: 144 µS/cm Water temperature: 28.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,390	µg/L	GE
0	Nitrate as nitrogen	1,380	µg/L	GE
0	Sodium	8,740	µg/L	GE
0	Gross alpha	6.9E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 3.0E-09	µCi/mL	GE
2	Total radium	2.5E-08 ± 8.0E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL GBW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 Time: 7:45
Depth to water: 67.55 ft (20.59 m) below TOC pH: 5.2
Water elevation: 266.05 ft (81.09 m) msl Alkalinity: 1 mg/L
Sp. conductance: 13 µS/cm Water temperature: 17.8°C
Water evacuated before sampling: 16 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<100	µg/L	GE

WELL H 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91 Time: 11:25
Depth to water: 18.05 ft (5.50 m) below TOC pH: 4.7
Sp. conductance: 302 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	8.2E-09 ± 2.9E-09	µCi/mL	GE
0	Nonvolatile beta	1.5E-08 ± 2.6E-09	µCi/mL	GE
0	Total activity	2.1E-03 ± 3.5E-05	µCi/mL	EM
2	Tritium	2.0E-03 ± 6.4E-06	µCi/mL	GE

WELL H 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91 Time: 11:45
The well was dry.

WELL H 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91 Time: 12:15
Depth to water: 14.75 ft (4.50 m) below TOC pH: 5.2
Water elevation: 226.75 ft (69.11 m) msl Alkalinity: 1 mg/L
Sp. conductance: 33 µS/cm Water temperature: 22.3°C
Water evacuated before sampling: 14 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.9E-09 ± 1.8E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.0E-09	µCi/mL	GE
1	Tritium	1.9E-05 ± 6.0E-07	µCi/mL	GE

WELL H 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/13/91 Time: 8:05
Depth to water: 17.15 ft (5.23 m) below TOC pH: 4.8
Water elevation: 226.15 ft (68.93 m) msl Alkalinity: 2 mg/L
Sp. conductance: 40 µS/cm Water temperature: 20.4°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	Tritium	7.7E-06 ± 4.0E-07	µCi/mL	GE

WELL H 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91
Depth to water: 14.93 ft (4.55 m) below TOC
Water elevation: 224.57 ft (68.45 m) msl
Sp. conductance: 97 µS/cm
Water evacuated before sampling: 13 gal
Time: 12:55
pH: 6.1
Alkalinity: 37 mg/L
Water temperature: 27.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	8.7E-09 ± 3.1E-09	µCi/mL	GE
1	Nonvolatile beta	2.5E-08 ± 3.4E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 8.0E-07	µCi/mL	GE

WELL H 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91
The well was dry.
Time: 12:30

WELL HAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91
Depth to water: 26.17 ft (7.98 m) below TOC
Water elevation: 272.23 ft (82.98 m) msl
Sp. conductance: 160 µS/cm
Water evacuated before sampling: 35 gal
Time: 10:55
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 23.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Turbidity	4.7	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.9	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	564	µg/L	GE
0	Chloride	4,350	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
2	Iron	560	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	358	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	812	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	31,300	µg/L	GE
0	Sulfate	63,600	µg/L	GE
0	Total dissolved solids	123,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	160	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.1E-09	µCi/mL	GE
2	Tritium	4.9E-05 ± 1.0E-06	µCi/mL	GE

WELL HAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91
Depth to water: 26.31 ft (8.02 m) below TOC
Water elevation: 271.79 ft (82.84 m) msl
Sp. conductance: 467 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 12:35
pH: 5.5
Alkalinity: 13 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
1	Specific conductance	370	µS/cm	GE
0	Turbidity	18	NTU	GE
0	Turbidity	19	NTU	GE

WELL HAC 2 collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aluminum	<20	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	7.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	320	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	4,100	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	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	<0.10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<0.10	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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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-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	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	<0.10	µg/L	GE
0	Endosulfan I	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<0.10	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	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE

ANALYTICAL RESULTS

WELL HAC 2 collected on 08/21/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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	22	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Magnesium	352	µg/L	GE
0	Manganese	9.1	µg/L	GE
1	Mercury	1.3	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	560	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	85,000	µg/L	GE
0	Sulfate	161,000	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	265,000	µg/L	GE
0	Total dissolved solids	264,000	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	Toxaphene	<10	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	Zinc	8.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	7.2E-09 ± 4.4E-09	µCi/mL	GE
2	Tritium	4.4E-05 ± 1.0E-06	µCi/mL	GE

WELL HAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 26.86 ft (8.19 m) below TOC
Water elevation: 271.14 ft (82.64 m) msl
Sp. conductance: 350 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 9:40
pH: 6.0
Alkalinity: 63 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
1	Specific conductance	330	µS/cm	GE
0	Turbidity	3.6	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,200	µg/L	GE
0	Chloride	7,300	µg/L	GE
0	Chloride	7,400	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	143	µg/L	GE
0	Lead	<3.0	µg/L	GE

WELL HAC 3 collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,750	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Mercury	<0.20	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	2,850	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	53,500	µg/L	GE
0	Sulfate	73,800	µg/L	GE
0	Total dissolved solids	226,000	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	51	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.4E-09 ± 2.1E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 1.1E-09	µCi/mL	GE
2	Tritium	5.2E-05 ± 1.0E-06	µCi/mL	GE

WELL HAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 24.32 ft (7.41 m) below TOC
Water elevation: 272.58 ft (83.08 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 48 gal

Time: 10:15
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	41	µS/cm	GE
0	Turbidity	0.21	NTU	GE
0	Turbidity	0.23	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
1	Aluminum	107	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	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	151	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	4,650	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	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

WELL HAC 4 collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.8	µg/L	GE
0	Cyanide	<5.0	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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	7.7	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	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-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	<10	µg/L	GE
0	Endosulfan I	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	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	<0.10	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
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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	25	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	3.6	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	247	µg/L	GE
1	Manganese	42	µg/L	GE
0	Mercury	0.71	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,000	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	5,720	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,220	µg/L	GE
0	Sulfate	14,300	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	52,000	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE

WELL HAC 4 collected on 08/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	34	µg/L	GE
0	Total organic halogens	9.3	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	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	Zinc	9.3	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
2	Tritium	3.0E-05 ± 8.0E-07	µCi/mL	GE

WELL HAP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 15.50 ft (4.72 m) below TOC
Water elevation: 273.60 ft (83.39 m) msl
Sp. conductance: 290 µS/cm
Water evacuated before sampling: 48 gal
Time: 8:55
pH: 6.4
Alkalinity: 101 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Tritium	1.4E-05 ± 5.0E-07	µCi/mL	GE

WELL HAP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 17.28 ft (5.27 m) below TOC
Water elevation: 272.62 ft (83.10 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 76 gal
Time: 8:45
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL HCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91
Depth to water: 38.56 ft (11.75 m) below TOC
Water elevation: 271.44 ft (82.74 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.
Time: 12:00
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 24.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	16	µg/L	GE
2	Lead	16	µg/L	GE
0	Manganese	14	µg/L	GE
0	Nitrate as nitrogen	1,940	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	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
1	Total radium	3.2E-09 ± 3.3E-09	µCi/mL	GE
2	Tritium	5.5E-05 ± 1.1E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL HCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 — Time: 11:35
Depth to water: 37.82 ft (11.53 m) below TOC — pH: 6.0
Water elevation: 272.98 ft (83.21 m) msl — Alkalinity: 37 mg/L
Sp. conductance: 206 µS/cm — Water temperature: 26.2°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	38	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Manganese	14	µg/L	GE
0	Nitrate as nitrogen	1,700	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	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	5.1E-09 ± 2.3E-09	µCi/mL	GE
2	Total radium	1.5E-08 ± 8.8E-09	µCi/mL	GE
2	Tritium	4.1E-05 ± 9.0E-07	µCi/mL	GE

WELL HCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 — Time: 11:35
Depth to water: 37.82 ft (11.53 m) below TOC — pH: 6.0
Water elevation: 272.98 ft (83.21 m) msl — Alkalinity: 37 mg/L
Sp. conductance: 206 µS/cm — Water temperature: 26.2°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	39	µg/L	GE
0	Lead	4.1	µg/L	GE
0	Manganese	13	µg/L	GE
0	Nitrate as nitrogen	1,110	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	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	5.0E-09 ± 2.3E-09	µCi/mL	GE
2	Total radium	8.8E-09 ± 4.7E-09	µCi/mL	GE
2	Tritium	3.7E-05 ± 9.0E-07	µCi/mL	GE

WELL HCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 — Time: 12:15
Depth to water: 39.41 ft (12.01 m) below TOC — pH: 6.3
Water elevation: 270.89 ft (82.57 m) msl — Alkalinity: 48 mg/L
Sp. conductance: 124 µS/cm — Water temperature: 23.4°C
Water evacuated before sampling: 13 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
2	Iron	836	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Manganese	120	µg/L	GE
0	Nitrate as nitrogen	290	µg/L	GE
1	Tetrachloroethylene	2.6	µg/L	GE
0	Total phosphates (as P)	<100	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	2.8E-09 ± 2.0E-09	µCi/mL	GE
2	Total radium	6.6E-09 ± 4.3E-09	µCi/mL	GE
2	Tritium	8.6E-05 ± 1.3E-06	µCi/mL	GE

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 — Time: 13:05
Depth to water: 39.14 ft (11.93 m) below TOC — pH: 6.5
Water elevation: 271.56 ft (82.77 m) msl — Alkalinity: 71 mg/L
Sp. conductance: 190 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
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	121	µg/L	GE
1	Lead	11	µg/L	GE
0	Manganese	12	µg/L	GE
0	Nitrate as nitrogen	840	µg/L	GE
2	Tetrachloroethylene	41	µg/L	GE
0	Total phosphates (as P)	<100	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	5.5E-09 ± 2.3E-09	µCi/mL	GE
1	Total radium	3.4E-09 ± 3.4E-09	µCi/mL	GE
2	Tritium	4.3E-05 ± 9.0E-07	µCi/mL	GE
2	Tritium	4.6E-05 ± 1.0E-06	µCi/mL	GE

WELL HCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 9:40
Depth to water: 13.27 ft (4.04 m) below TOC — pH: 4.5
Water elevation: 266.03 ft (81.09 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 226 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 114 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	4.6	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Manganese	1,190	µg/L	GE
0	Selenium	4.3	µg/L	GE
0	Sulfate	81,500	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	3.2E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	3.1E-05 ± 8.0E-07	µCi/mL	GE

WELL HCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 10:35
Depth to water: 11.16 ft (3.40 m) below TOC — pH: 3.2
Water elevation: 270.54 ft (82.46 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 843 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	34	µg/L	GE
0	Copper	73	µg/L	GE
0	Fluoride	1,020	µg/L	GE
2	Iron	3,590	µg/L	GE
2	Lead	41	µg/L	GE
2	Manganese	3,260	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Sulfate	2.8E+06	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Gross alpha	1.5E-08 ± 1.3E-08	µCi/mL	GE
2	Total radium	5.6E-09 ± 3.9E-09	µCi/mL	GE
1	Tritium	1.9E-05 ± 7.0E-07	µCi/mL	GE
1	Tritium	1.9E-05 ± 7.0E-07	µCi/mL	GE

WELL HCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 10:35
Depth to water: 11.16 ft (3.40 m) below TOC — pH: 3.2
Water elevation: 270.54 ft (82.46 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 843 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	13	µg/L	GE
0	Copper	30	µg/L	GE
0	Fluoride	993	µg/L	GE
2	Iron	1,390	µg/L	GE
2	Lead	44	µg/L	GE
2	Manganese	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Sulfate	3.5E+06	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
1	Gross alpha	1.2E-08 ± 1.1E-08	µCi/mL	GE
2	Total radium	5.7E-09 ± 3.9E-09	µCi/mL	GE
1	Tritium	1.8E-05 ± 7.0E-07	µCi/mL	GE

WELL HCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 10:10
Depth to water: 6.92 ft (2.11 m) below TOC — pH: 4.3
Water elevation: 268.48 ft (81.83 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 92 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	5.6	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	55	µg/L	GE
1	Lead	9.7	µg/L	GE
0	Manganese	7.4	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Sulfate	72,200	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL HCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 9:20
Depth to water: 10.72 ft (3.27 m) below TOC — pH: 3.8
Water elevation: 267.08 ft (81.41 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 436 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 82 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	6.5	µg/L	GE
0	Fluoride	989	µg/L	GE
0	Iron	147	µg/L	GE
2	Lead	17	µg/L	GE
2	Manganese	183	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Sulfate	940,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	2.2E-09 ± 1.8E-09	µCi/mL	GE
2	Total radium	7.4E-09 ± 4.2E-09	µCi/mL	GE
2	Tritium	2.3E-05 ± 7.0E-07	µCi/mL	GE

WELL HET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 — Time: 14:10
Depth to water: 10.70 ft (3.26 m) below TOC — pH: 4.9
Water elevation: 271.50 ft (82.75 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	108	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Tritium	2.7E-05 ± 1.7E-06	µCi/mL	GE

WELL HET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 — Time: 14:00
Depth to water: 14.27 ft (4.35 m) below TOC — pH: 5.3
Water elevation: 262.83 ft (80.05 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Iron	280	µg/L	GE
0	Nickel	8.5	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Tritium	3.6E-05 ± 9.0E-07	µCi/mL	GE

WELL HET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 — Time: 13:45
Depth to water: 13.77 ft (4.20 m) below TOC — pH: 4.9
Water elevation: 262.93 ft (80.14 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	32	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Tritium	2.8E-05 ± 8.0E-07	µCi/mL	GE

WELL HET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/21/91 — Time: 13:30
Depth to water: 14.18 ft (4.32 m) below TOC — pH: 4.9
Water elevation: 262.52 ft (80.02 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 52 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 17 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	370	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Tritium	3.5E-05 ± 8.0E-07	µCi/mL	GE

WELL HMD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 — Time: 10:00
Depth to water: 52.90 ft (16.12 m) below TOC — pH: 6.4
Water elevation: 211.60 ft (64.50 m) msl — Alkalinity: 22 mg/L
Sp. conductance: 71 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	6.4	pH	GE
0	pH	6.5	pH	GE

ANALYTICAL RESULTS

WELL HMD 1D collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Specific conductance	70	µS/cm	GE
0	Specific conductance	75	µS/cm	GE
0	Specific conductance	80	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	1,870	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	26	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	275	µg/L	GE
1	Manganese	48	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	1,670	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,350	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,900	µg/L	GE
0	Sulfate	3,220	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	61,000	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	10	µg/L	LC
0	Total organic halogens	11	µg/L	LC
0	Total organic halogens	6.0	µg/L	LC
0	Total organic halogens	8.0	µg/L	LC
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
1	Trichloroethylene	3.1	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 ± 2.3E-09	µCi/mL	GE
1	Total radium	3.6E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	7.2E-06 ± 4.0E-07	µCi/mL	GE

WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 58.49 ft (17.83 m) below TOC
Water elevation: 202.61 ft (61.76 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 37 gal

Time: 11:20
pH: 5.7
Alkalinity: 10 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	60	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	352	µg/L	GE

WELL HMD 2D collected on 08/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	6.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	82	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	340	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	5,390	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,500	µg/L	GE
0	Sulfate	14,200	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	78,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	LC
0	Total organic halogens	<5.0	µg/L	LC
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	1.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	4.7E-06 ± 3.0E-07	µCi/mL	GE

WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 58.49 ft (17.83 m) below TOC
Water elevation: 202.61 ft (61.76 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 37 gal

Time: 11:20
pH: 5.7
Alkalinity: 10 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	60	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	348	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,940	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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL HMD 2D collected on 08/05/91, 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	<100	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	81	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	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	5,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,300	µg/L	GE
0	Sulfate	14,800	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	59,000	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)	<100	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	1.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.4E-09	µCi/mL	GE
1	Total radium	3.1E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	4.2E-06 ± 3.0E-07	µCi/mL	GE

WELL HMD 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 57.42 ft (17.50 m) below TOC
Water elevation: 202.08 ft (61.59 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 39 gal
Time: 10:45
pH: 5.5
Alkalinity: 3 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	Specific conductance	40	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	1,670	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	457	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	400	µg/L	GE

WELL HMD 3D collected on 08/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	400	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	6,850	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,690	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	Toluene	<1.0	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	10	µg/L	LC
0	Total organic halogens	7.0	µg/L	LC
0	Total organic halogens	8.0	µg/L	LC
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
2	Trichlorofluoromethane	21	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.3E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	6.8E-06 ± 4.0E-07	µCi/mL	GE

WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: 48.54 ft (14.80 m) below TOC
Water elevation: 202.36 ft (61.68 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 11:00
pH: 6.0
Alkalinity: 10 mg/L
Water temperature: 20.8°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
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.5	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	1,470	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	1.1	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	101	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	262	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	580	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	679	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,940	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,800	µg/L	GE
0	Sulfate	1,570	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 dissolved solids	23,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	LC

WELL HMD 4D collected on 08/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	8.0	µg/L	LC
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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 1.8E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.6E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL HR3 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 8.06 ft (2.46 m) below TOC
Water elevation: 263.34 ft (80.27 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 165 gal
Time: 12:30
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	3.0	µg/L	GE
0	Nitrate as nitrogen	1,290	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Nonvolatile beta	2.0E-09 ± 1.6E-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	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL HR3 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 12.16 ft (3.71 m) below TOC
Water elevation: 284.04 ft (80.48 m) msl
Sp. conductance: 86 µS/cm
Water evacuated before sampling: 155 gal
Time: 12:05
pH: 6.0
Alkalinity: 13 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	2.2	µg/L	GE
0	Nitrate as nitrogen	2,540	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Nonvolatile beta	5.0E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	4.8E-05 ± 1.0E-06	µCi/mL	GE

WELL HR8 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 10.64 ft (3.24 m) below TOC
Water elevation: 248.56 ft (75.76 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 107 gal
Time: 11:05
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	<2.0	µg/L	GE
0	Nitrate as nitrogen	930	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 1.7E-09	µCi/mL	GE
1	Total radium	4.5E-09 ± 4.6E-09	µCi/mL	GE
2	Tritium	4.2E-05 ± 9.0E-07	µCi/mL	GE

WELL HR8 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 16.43 ft (5.01 m) below TOC
Water elevation: 241.07 ft (73.48 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 91 gal
Time: 10:40
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	<2.0	µg/L	GE
0	Nitrate as nitrogen	1,190	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-08 ± 3.4E-09	µCi/mL	GE
2	Total radium	5.7E-09 ± 4.2E-09	µCi/mL	GE
2	Tritium	3.8E-05 ± 9.0E-07	µCi/mL	GE

WELL HR8 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 13.39 ft (4.08 m) below TOC
Water elevation: 239.71 ft (73.06 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 100 gal
Time: 10:20
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	5.6	µg/L	GE
0	Nitrate as nitrogen	1,110	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 2.1E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.1E-09	µCi/mL	GE
2	Tritium	2.9E-05 ± [illegible]E-07	µCi/mL	GE

WELL HR8 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Inaccessibility or pump failure prevented sample collection.
Time: 10:05

WELL HSB 1TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 900 gal
Time: 12:05
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	35	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	2,450	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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

WELL HSB 1TB collected on 07/26/91, 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
2	Iron	834	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	335	µg/	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	100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	524	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,240	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	971	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	40,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.8	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 1.8E-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 HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 39.62 ft (12.08 m) below TOC
Water elevation: 232.38 ft (70.83 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 52 gal
Time: 16:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Turbidity	1.9	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.3	mg/L	GE
0	Aluminum	32	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	8.4	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	542	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,740	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	69	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)	2.5	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	8.4	µg/L	GE
2	Lead	16	µg/L	GE
2	Lead	17	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	876	µg/L	GE
0	Manganese	<2.0	µg/L	GE

WELL HSB 65 collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	2,580	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	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	5,830	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,560	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	34,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.7	µg/L	GE
0	Total organic halogens	9.7	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	Xylenes	<1.0	µg/L	GE
0	Zinc	14	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	1.2E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	4.3E-05 ± 1.0E-06	µCi/mL	GE

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 102.12 ft (31.13 m) below TOC
Water elevation: 171.48 ft (52.27 m) msl
Sp. conductance: 205 µS/cm
Water evacuated before sampling: 286 gal
Time: 16:15
pH: 7.3
Alkalinity: 85 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	165	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	90	mg/L	GE
0	Aluminum	21	µg/L	GE
1	Antimony	3.5	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	37,100	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)	2.3	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	768	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL HSB 65A collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	260	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	24,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,770	µg/L	GE
0	Sulfate	5,550	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	Tin	<2.0	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 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	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-08	µCi/mL	GE
2	Tritium	3.9E-05 ± 9.0E-07	µCi/mL	GE

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 49.12 ft (14.97 m) below TOC
Water elevation: 224.58 ft (68.45 m) msl
Sp. conductance: 198 µS/cm
Water evacuated before sampling: 266 gal
Time: 15:15
pH: 7.5
Alkalinity: 90 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Turbidity	12	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	98	mg/L	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	4.1	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	37,600	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	4.5	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)	2.2	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	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	793	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

WELL HSB 65B collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	15,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,670	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	116,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.1	µg/L	GE
0	Total organic halogens	6.1	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	Xylenes	<1.0	µg/L	GE
0	Zinc	2.8	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 ± 2.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91
Depth to water: 40.90 ft (12.47 m) below TOC
Water elevation: 232.70 ft (70.93 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 65 gal
Time: 14:55
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.3	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	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	1,140	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,200	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	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)	2.4	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	42	µg/L	GE
0	Lead	3.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	644	µg/L	GE
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	3,350	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 65C collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	6,380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,550	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tin	<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	24	µg/L	GE
0	Total organic halogens	24	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	Xylenes	<1.0	µg/L	GE
0	Zinc	13	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	2.8E-05 ± 8.0E-07	µCi/mL	GE

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91
Depth to water: 54.84 ft (16.72 m) below TOC
Water elevation: 225.36 ft (68.69 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 72 gal

Time: 10:00
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.1°C

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 54.69 ft (16.67 m) below TOC
Water elevation: 225.51 ft (68.74 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 72 gal

Time: 14:35
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.3	mg/L	GE
0	Aluminum	35	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	1,010	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	<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	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	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	72	µg/L	GE
0	Lead	8.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	409	µg/L	GE

WELL HSB 66 collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Manganese	6.8	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	1,460	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,390	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,210	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	<1,000	µg/L	GE
1	Total organic halogens	36	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	16	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	5.9E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	7.4E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	8.4E-06 ± 4.0E-07	µCi/mL	GE

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91
Depth to water: 13.70 ft (4.18 m) below TOC
Water elevation: 224.10 ft (68.31 m) msl
Sp. conductance: 131 µS/cm
Water evacuated before sampling: 61 gal

Time: 12:20
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	2.8E-03 ± 1.0E-04	µCi/mL	EM

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 12.67 ft (3.86 m) below TOC
Water elevation: 225.13 ft (68.62 m) msl
Sp. conductance: 109 µS/cm
Water evacuated before sampling: 80 gal

Time: 12:10
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 19.9°C

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91
Depth to water: 12.83 ft (3.91 m) below TOC
Water elevation: 224.97 ft (68.57 m) msl
Sp. conductance: 129 µS/cm
Water evacuated before sampling: 64 gal

Time: 15:40
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	1,250	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	1,140	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

ANALYTICAL RESULTS

WELL HSB 67 collected on 07/24/91, 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	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)	<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	115	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	1,170	µg/L	GE
2	Manganese	198	µg/L	GE
1	Mercury	1.8	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	7,500	µg/L	GE
0	Potassium	<500	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	10,500	µg/L	GE
0	Sulfate	21,100	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	112,000	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)	<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	1.1	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
2	Nonvolatile beta	2.0E-07 ± 9.8E-09	µCi/mL	GE
0	Total activity	2.3E-03 ± 3.6E-05	µCi/mL	EM
2	Total radium	2.1E-08 ± 6.3E-09	µCi/mL	GE
2	Total radium	1.8E-08 ± 5.7E-09	µCi/mL	GE
2	Tritium	3.3E-03 ± 8.1E-06	µCi/mL	GE

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91
Depth to water: 26.84 ft (8.18 m) below TOC
Water elevation: 223.26 ft (68.05 m) msl
Sp. conductance: 265 µS/cm
Water evacuated before sampling: 26 gal
Time: 12:35
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	4.0	pH	GE
1	Specific conductance	250	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	4,230	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	91	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	3,820	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	Cobalt	7.3	µg/L	GE
0	Copper	126	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

WELL HSB 68 collected on 07/30/91, 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	Fluoride	351	µg/L	GE
0	Iron	48	µg/L	GE
1	Lead	8.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	913	µg/L	GE
2	Manganese	483	µg/L	GE
1	Mercury	1.2	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	15	µg/L	GE
2	Nitrate as nitrogen	25,000	µg/L	GE
2	Nitrate as nitrogen	25,000	µg/L	GE
0	Potassium	1,230	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,500	µg/L	GE
0	Sulfate	25,500	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	176,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	40	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	58	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	5.3E-06 ± 1.4E-07	µCi/mL	GE
0	Total activity	1.0E-02 ± 1.7E-04	µCi/mL	EM
2	Total radium	1.3E-07 ± 1.7E-08	µCi/mL	GE
2	Tritium	8.9E-03 ± 1.3E-05	µCi/mL	GE

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91
Depth to water: 77.08 ft (23.49 m) below TOC
Water elevation: 172.32 ft (52.52 m) msl
Sp. conductance: 150 µS/cm
Water evacuated before sampling: 328 gal
Time: 13:15
pH: 6.4
Alkalinity: 49 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	105	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	56	mg/L	GE
0	Alkalinity (as $CaCO_3$)	56	mg/L	GE
0	Aluminum	23	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	2,930	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	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	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

WELL HSB 68A collected on 07/30/91, 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	580	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	978	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,340	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,750	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	83,000	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	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.2E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 3.6E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	4.0E-06 ± 3.0E-07	µCi/mL	GE

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 31.90 ft (9.72 m) below TOC
Water elevation: 218.10 ft (66.48 m) msl
Sp. conductance: 237 µS/cm
Water evacuated before sampling: 55 gal
The well went dry during purging.

Time: 8:25
pH: 7.5
Alkalinity: 124 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
0	Specific conductance	185	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	104	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	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	44,400	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)	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
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	864	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

WELL HSB 68B collected on 07/31/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	21,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,920	µg/L	GE
0	Sulfate	1,770	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	161,000	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
0	Total organic halogens	8.6	µg/L	GE
0	Total phosphates (as P)	190	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	6.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.4E-09 ± 2.4E-09	µCi/mL	GE
0	Total activity	3.0E-05 ± 1.7E-06	µCi/mL	EM
2	Total radium	5.0E-09 ± 4.0E-09	µCi/mL	GE
2	Tritium	2.9E-05 ± 8.0E-07	µCi/mL	GE

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 31.17 ft (9.50 m) below TOC
Water elevation: 218.93 ft (66.73 m) msl
Sp. conductance: 101 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging.

Time: 8:45
pH: 6.1
Alkalinity: 10 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	18	mg/L	GE
0	Aluminum	22	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	3,980	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	95	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	291	µg/L	GE
1	Lead	8.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	934	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	<4.0	µg/L	GE
1	Nitrate as nitrogen	7,400	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	11,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	2.7	µg/L	GE
0	Toluene	<1.0	µg/L	GE

WELL HSB 68C collected on 07/31/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	83,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	< 10	µg/L	LC
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	161	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 2.8E-09	µCi/mL	GE
0	Total activity	1.2E-03 ± 2.7E-05	µCi/mL	EM
1	Total radium	2.5E-09 ± 3.1E-09	µCi/mL	GE
2	Tritium	1.3E-03 ± 5.0E-06	µCi/mL	GE

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 10:25
Depth to water: 16.65 ft (5.07 m) below TOC — pH: 3.8
Water elevation: 219.35 ft (66.86 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 241 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	3.0E-03 ± 4.1E-05	µCi/mL	EM

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91 — Time: 12:15
Depth to water: 16.46 ft (5.02 m) below TOC — pH: 3.5
Water elevation: 219.54 ft (66.92 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 347 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	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
0	Aramite	< 10	µg/L	GE
0	Benzene	< 1.0	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	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Carbon disulfide	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	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	Chrysene	< 10	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE

WELL HSB 69 collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	p-Cresol (4-Methylphenol)	< 10	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)	< 1.0	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	< 20	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)	9.7	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	1,2-Dichloropropane	< 1.0	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	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	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	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	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methyl ethyl ketone	< 1.0	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	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	Pentachlorobenzene	< 10	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

WELL HSB 69 collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Styrene	<1.0	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	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	Thionazin	<10	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<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	2,4,5-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	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Total activity	2.7E-03 ± 4.0E-05	µCi/mL	EM

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91
Depth to water: 15.54 ft (4.74 m) below TOC
Water elevation: 220.46 ft (67.20 m) msl
Sp. conductance: 242 µS/cm
Water evacuated before sampling: 58 gal

Time: 12:05
pH: 3.6
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	GE
1	Specific conductance	250	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)	<1.0	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	<0.050	µg/L	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
0	Allyl chloride	<50	µg/L	GE
2	Aluminum	4,890	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	118	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,910	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,820	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

WELL HSB 69 collected on 07/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	11	µg/L	GE
0	Copper	19	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	<0.10	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	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)	<1.0	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	<20	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	620	µg/L	GE
0	Fluoride	615	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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	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	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	2,210	µg/L	GE
2	Manganese	573	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	<1.0	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

WELL HSB 69 collected on 07/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	20	µg/L	GE
2	Nitrate as nitrogen	21,000	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	Parathion	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	µg/L	GE
0	Pentachlorobenzene	<10	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silica	15,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,240	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	56,800	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	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	Thionazin	<10	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	112,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	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	1,2,4-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	54	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.2E-06 ± 2.4E-08	µCi/mL	GE
0	Total activity	2.6E-03 ± 4.0E-05	µCi/mL	EM
2	Total radium	6.7E-08 ± 9.4E-09	µCi/mL	GE
2	Tritium	2.6E-03 ± 7.3E-06	µCi/mL	GE

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91 Time: 12:25
Depth to water: 64.26 ft (19.59 m) below TOC pH: 6.6
Water elevation: 172.34 ft (52.53 m) msl Alkalinity: 60 mg/L
Sp. conductance: 172 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 234 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	130	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	69	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	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	29,500	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	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	Fluoride	121	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	795	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	<50	µg/L	GE
0	Potassium	880	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	30,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,170	µg/L	GE
0	Sulfate	6,640	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 dissolved solids	116,000	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)	260	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	5.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.9E-09 ± 2.1E-09	µCi/mL	GE
1	Total radium	3.0E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 — Time: 11:50
Depth to water: 12.79 ft (3.90 m) below TOC — pH: 5.0
Water elevation: 230.01 ft (70.11 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 63 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	45	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	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	4,790	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,910	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	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	42	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	32	µg/L	GE
0	Lead	7.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,680	µg/L	GE
0	Manganese	9.1	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	300	µg/L	GE
0	Nitrate as nitrogen	300	µg/L	GE
0	Potassium	741	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	2,450	µg/L	GE
0	Sulfate	9,370	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	54,000	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	5.4	µg/L	GE
0	Zinc	5.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	9.9E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 3.3E-09	µCi/mL	GE
1	Tritium	1.6E-05 ± 6.0E-07	µCi/mL	GE

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 7:45
Depth to water: 16.58 ft (5.05 m) below TOC — pH: 11.2
Water elevation: 226.52 ft (69.04 m) msl — Alkalinity: 53 mg/L
Sp. conductance: 477 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 31 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	320	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	46	mg/L	GE
1	Aluminum	126	µg/L	GE
0	Antimony	<2.0	µg/L	GE
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	34,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,540	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)	1.2	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	548	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	18,000	µg/L	GE
2	Nitrate as nitrogen	18,000	µg/L	GE
0	Potassium	6,460	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,230	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	27,200	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	225,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	1,180	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	1.7	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	6.0E-09 ± 9.5E-09	µCi/mL	GE
2	Nonvolatile beta	1.0E-07 ± 2.4E-08	µCi/mL	GE
0	Total activity	2.9E-03 ± 4.0E-05	µCi/mL	EM
1	Total radium	2.6E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	2.4E-03 ± 6.8E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 10.76 ft (3.28 m) below TOC
Water elevation: 230.64 ft (70.30 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 68 gal

Time: 11:25
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 23.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	9.0	mg/L	GE
0	Aluminum	59	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	2,850	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	Cobalt	<4.0	µg/L	GE
0	Copper	27	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	98	µg/L	GE
0	Lead	6.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,090	µg/L	GE
0	Manganese	3.3	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	<50	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,540	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,150	µg/L	GE
0	Sulfate	7,330	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	Total dissolved solids	46,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
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	1.1	µg/L	GE
0	Trichlorofluoromethane	1.1	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	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	1.6E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	1.5E-04 ± 1.7E-06	µCi/mL	GE

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91
Depth to water: 14.22 ft (4.33 m) below TOC
Water elevation: 227.38 ft (69.31 m) msl
Sp. conductance: 637 µS/cm
Water evacuated before sampling: 27 gal
The well went dry during purging.

Time: 8:30
pH: 10.6
Alkalinity: 44 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	485	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	62	mg/L	GE
1	Aluminum	112	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	103	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	27,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,400	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	5.8	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	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)	1.3	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	170	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	2,620	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.32	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	48,000	µg/L	GE
2	Nitrate as nitrogen	48,000	µg/L	GE
0	Potassium	6,610	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	73,800	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	425,000	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	<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	<2.0	µg/L	GE
0	Gross alpha	3.2E-09 ± 1.2E-08	µCi/mL	GE
2	Nonvolatile beta	2.6E-07 ± 3.4E-08	µCi/mL	GE
0	Total activity	9.7E-03 ± 7.1E-05	µCi/mL	EM
1	Total radium	4.9E-09 ± 3.6E-09	µCi/mL	GE
2	Tritium	8.9E-03 ± 1.3E-05	µCi/mL	GE

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 64.06 ft (19.53 m) below TOC
Water elevation: 173.24 ft (52.80 m) msl
Sp. conductance: 189 µS/cm
Water evacuated before sampling: 283 gal

Time: 10:15
pH: 6.6
Alkalinity: 74 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	185	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	79	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	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	33,800	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)	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	<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	737	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	870	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	25,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,720	µg/L	GE
0	Sulfate	6,100	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	159,000	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	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 3.2E-09	µCi/mL	GE
1	Total radium	3.8E-09 ± 4.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 13.92 ft (4.24 m) below TOC
Water elevation: 223.08 ft (68.00 m) msl
Sp. conductance: 117 µS/cm
Water evacuated before sampling: 267 gal

Time: 10:30
pH: 6.4
Alkalinity: 43 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	115	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	48	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	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	17,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,910	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	<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	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	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	60	µg/L	GE
0	Potassium	774	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	3,420	µg/L	GE
0	Sulfate	1,610	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	123,000	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)	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	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	<1.0E-09	µCi/mL	GE
0	Tritium	3.8E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.7E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91 Time: 10:55
Depth to water: 12.04 ft (3.67 m) below TOC pH: 5.0
Water elevation: 225.06 ft (68.60 m) msl Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 170 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.6	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	1,050	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,790	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	<4.0	µg/L	GE
0	Cobalt	<4.0	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)	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	8.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	436	µg/L	GE
0	Manganese	6.6	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	80	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,560	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	68,000	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)	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	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.9	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 ± 2.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91 Time: 10:45
Depth to water: 12.57 ft (3.83 m) below TOC pH: 5.0
Water elevation: 224.43 ft (68.41 m) msl Alkalinity: 0 mg/L
Sp. conductance: 130 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 68 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	130	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	9.2	mg/L	GE
0	Aluminum	51	µg/L	GE
0	Antimony	<2.0	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	5,310	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,940	µg/L	GE
0	Chloride	3,100	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	5.6	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	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,210	µg/L	GE
2	Manganese	61	µg/L	GE
0	Mercury	0.25	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	Potassium	1,040	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,560	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,100	µg/L	GE
0	Sulfate	10,600	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	111,000	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	19	µg/L	GE
0	Gross alpha	2.2E-09 ± 2.8E-09	µCi/mL	GE
1	Nonvolatile beta	4.3E-08 ± 8.9E-09	µCi/mL	GE
0	Total activity	2.4E-03 ± 3.7E-05	µCi/mL	EM
1	Total radium	2.6E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	2.6E-03 ± 7.1E-06	µCi/mL	GE

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 10:05
Depth to water: 56.84 ft (17.36 m) below TOC — pH: 6.3
Water elevation: 171.76 ft (52.35 m) msl — Alkalinity: 37 mg/L
Sp. conductance: 107 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 281 gal

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 10:05
Depth to water: 56.84 ft (17.36 m) below TOC — pH: 6.3
Water elevation: 171.76 ft (52.35 m) msl — Alkalinity: 37 mg/L
Sp. conductance: 107 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 281 gal

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91 — Time: 10:00
Depth to water: 56.62 ft (17.26 m) below TOC — pH: 6.4
Water elevation: 172.08 ft (52.45 m) msl — Alkalinity: 28 mg/L
Sp. conductance: 112 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 282 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	39	mg/L	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	3.2	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	16,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,790	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	<4.0	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	190	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	677	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	120	µg/L	GE
0	Potassium	868	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	2,200	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	82,000	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

WELL HSB 84A collected on 07/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	410	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	2.8E-07 ± 1.2E-08	µCi/mL	GE
2	Total radium	9.1E-09 ± 4.2E-09	µCi/mL	GE
2	Tritium	5.9E-05 ± 1.1E-08	µCi/mL	GE

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91 — Time: 10:00
Depth to water: 56.62 ft (17.26 m) below TOC — pH: 6.4
Water elevation: 172.08 ft (52.45 m) msl — Alkalinity: 28 mg/L
Sp. conductance: 112 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 282 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	90	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	38	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.5	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	17,300	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	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	150	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	717	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	120	µg/L	GE
0	Potassium	874	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	2,350	µg/L	GE
0	Sulfate	6,370	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	76,000	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)	430	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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

ANALYTICAL RESULTS

WELL HSB 84A collected on 07/22/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	2.7E-07 ± 1.3E-08	µCi/mL	GE
2	Nonvolatile beta	2.6E-07 ± 1.3E-08	µCi/mL	GE
2	Total radium	8.6E-09 ± 4.1E-09	µCi/mL	GE
2	Tritium	6.3E-05 ± 1.1E-06	µCi/mL	GE
2	Tritium	6.4E-05 ± 1.1E-06	µCi/mL	GE

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91
Depth to water: 17.50 ft (5.33 m) below TOC
Water elevation: 211.40 ft (64.44 m) msl
Sp. conductance: 194 µS/cm
Water evacuated before sampling: 235 gal
Time: 11:25
pH: 7.6
Alkalinity: 71 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	83	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	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	33,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,970	µg/L	GE
0	Chloride	2,980	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)	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	624	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	380	µg/L	GE
0	Nitrate as nitrogen	420	µg/L	GE
0	Potassium	2,060	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	42,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,510	µg/L	GE
0	Sulfate	4,050	µg/L	GE
0	Sulfate	4,080	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	141,000	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)	<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	<2.0	µg/L	GE
0	Gross alpha	2.1E-09 ± 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 2.8E-09	µCi/mL	GE
1	Total radium	3.6E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	4.3E-05 ± 9.0E-07	µCi/mL	GE

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91
Depth to water: 14.70 ft (4.48 m) below TOC
Water elevation: 214.40 ft (65.35 m) msl
Sp. conductance: 93 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.
Time: 15:35
pH: 6.9
Alkalinity: 24 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	26	mg/L	GE
0	Aluminum	39	µg/L	GE
1	Antimony	3.7	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	2.4	µg/L	GE
0	Calcium	10,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,740	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	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	37	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	676	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,600	µg/L	GE
0	Potassium	1,650	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,310	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	59,000	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)	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	40	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.1E-09 ± 2.5E-09	µCi/mL	GE
0	Total activity	3.8E-04 ± 4.6E-06	µCi/mL	EM
0	Total radium	1.6E-09 ± 2.5E-09	µCi/mL	GE
2	Tritium	3.6E-04 ± 2.6E-06	µCi/mL	GE

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91
Depth to water: 8.97 ft (2.73 m) below TOC
Water elevation: 219.83 ft (67.00 m) msl
Sp. conductance: 135 µS/cm
Water evacuated before sampling: 53 gal

Time: [illegible]25
pH: 4.[illegible]
Alkalinit[illegible] mg/L
Water tem[illegible]rature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.3	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	1,150	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	2,470	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,350	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	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibr[illegible]chloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	154	µg/L	GE
0	Fluoride	154	µg/L	GE
0	Fluoride	143	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	624	µg/L	GE
2	Manganese	144	µg/L	GE
0	Mercury	0.21	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	6.3	µg/L	GE
2	Nitrate as nitrogen	10,600	µg/L	GE
0	Potassium	550	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	10,400	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	72,000	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	48	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.9E-06 ± 3.5E-08	µCi/mL	GE
2	Nonvolatile beta	1.9E-06 ± 3.5E-08	µCi/mL	GE
0	Total activity	2.0E-03 ± 1.0E-05	µCi/mL	EM
2	Total radium	3.6E-08 ± 8.1E-09	µCi/mL	GE
2	Tritium	1.9E-03 ± 6.1E-06	µCi/mL	GE

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 125.52 ft (38.26 m) below TOC
Water elevation: 168.88 ft (51.48 m) msl
Sp. conductance: 182 µS/cm
Water evacuated before sampling: 283 gal

Time: 15:55
pH: 6.7
Alkalinity: 73 mg/L
Water temperature: 21.3°C

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 124.98 ft (38.09 m) below TOC
Water elevation: 169.42 ft (51.64 m) msl
Sp. conductance: 190 µS/cm
Water evacuated before sampling: 284 gal

Time: 16:50
pH: 6.8
Alkalinity: 63 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	165	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	83	mg/L	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	4.5	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	33,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,880	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	<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	101	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	793	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.29	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	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,030	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	1,760	µg/L	GE
0	Sulfate	6,520	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	Tin	<[illegible]	µg/L	GE
0	Toluene	<[illegible]	µg/L	GE
0	Total dissolved solids	[illegible]41,000	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)	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	Trichlo[illegible]fluoromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB 85A collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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 HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91
Depth to water: 60.99 ft (18.59 m) below TOC
Water elevation: 233.51 ft (71.17 m) msl
Sp. conductance: 412 µS/cm
Water evacuated before sampling: 50 gal
The well went dry during purging.

Time: 9:30
pH: 11.2
Alkalinity: 107 mg/L
Water temperature: 21.5°C

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 60.81 ft (18.54 m) below TOC
Water elevation: 233.69 ft (71.23 m) msl
Sp. conductance: 208 µS/cm
Water evacuated before sampling: 53 gal
The well went dry during purging.

Time: 9:30
pH: 7.5
Alkalinity: 91 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.1	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Turbidity	0.18	NTU	GE
0	Turbidity	0.20	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	100	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	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	Bromomethene (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	37,200	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	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	1,210	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	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	831	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	4,410	µg/L	GE
0	Sulfate	1,560	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

WELL HSB 85B collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	121,000	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)	210	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	8.6	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	2.5E-06 ± 2.0E-07	µCi/mL	GE

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 54.90 ft (16.73 m) below TOC
Water elevation: 239.20 ft (72.91 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 66 gal

Time: 15:25
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 23.2°C

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 54.81 ft (16.71 m) below TOC
Water elevation: 239.29 ft (72.94 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 78 gal

Time: 16:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Turbidity	0.15	NTU	GE
0	Turbidity	0.12	NTU	GE
0	Acetophenone	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.8	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	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	143	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	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	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	107	µg/L	GE
J	Manganese	2.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL HSB 85C collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,770	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	5,930	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,670	µg/L	GE
0	Sulfate	1,340	µg/L	GE
0	Sulfide	<1,000	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	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 organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	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	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	2.0E-09 ± 3.4E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 3.0E-07	µCi/mL	GE

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 93.63 ft (28.63 m) below TOC
Water elevation: 168.47 ft (51.35 m) msl
Sp. conductance: 130 µS/cm
Water evacuated before sampling: 296 gal
Time: 13:00
pH: 6.4
Alkalinity: 43 mg/L
Water temperature: 20.5°C

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 93.57 ft (28.52 m) below TOC
Water elevation: 168.83 ft (51.46 m) msl
Sp. conductance: 133 µS/cm
Water evacuated before sampling: 277 gal
Time: 9:45
pH: 6.4
Alkalinity: 36 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	47	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	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	20,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	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)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL HSB 86A collected on 07/18/91, 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	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	695	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	760	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	26,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,620	µg/L	GE
0	Sulfate	10,600	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	92,000	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)	<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	3.0	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	<7.0E-07	µCi/mL	GE

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 40.12 ft (12.23 m) below TOC
Water elevation: 221.78 ft (67.60 m) msl
Sp. conductance: 212 µS/cm
Water evacuated before sampling: 283 gal
Time: 13:40
pH: 7.2
Alkalinity: 98 mg/L
Water temperature: 21.3°C

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 39.68 ft (12.09 m) below TOC
Water elevation: 222.22 ft (67.73 m) msl
Sp. conductance: 214 µS/cm
Water evacuated before sampling: 284 gal
Time: 11:20
pH: 7.3
Alkalinity: 90 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	98	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	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	39,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,980	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

ANALYTICAL RESULTS

WELL HSB 86B collected on 07/18/91, 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	<0.0060	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	810	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	34,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,090	µg/L	GE
0	Sulfate	3,410	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	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)	<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	<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	3.1E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-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	7.2E-07 ± 2.0E-07	µCi/mL	GE

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 39.10 ft (11.92 m) below TOC
Water elevation: 223.80 ft (68.22 m) msl
Sp. conductance: 334 µS/cm
Water evacuated before sampling: 91 gal
Time: 13:15
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.1E-02 ± 7.7E-05	µCi/mL	EM

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 38.65 ft (11.78 m) below TOC
Water elevation: 224.25 ft (68.35 m) msl
Sp. conductance: 340 µS/cm
Water evacuated before sampling: 91 gal
Time: 10:10
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
1	Specific conductance	280	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	377	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	81	µg/L	GE
2	Cadmium	16	µg/L	GE
0	Calcium	9,430	µg/L	GE
0	Chloride	2,470	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Cobalt	85	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<25	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

WELL HSB 86C collected on 07/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	3,590	µg/L	GE
2	Manganese	4,110	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nickel	141	µg/L	GE
2	Nitrate as nitrogen	40,000	µg/L	GE
0	Potassium	1,990	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	20,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	33,000	µg/L	GE
0	Sulfate	39,500	µg/L	GE
0	Total dissolved solids	240,000	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	Vanadium	<10	µg/L	GE
0	Zinc	94	µg/L	GE
2	Gross alpha	2.2E-08 ± 6.0E-09	µCi/mL	GE
2	Nonvolatile beta	2.4E-07 ± 1.1E-08	µCi/mL	GE
0	Total activity	1.3E-02 ± 8.3E-05	µCi/mL	EM
2	Total radium	1.4E-08 ± 4.4E-09	µCi/mL	GE
2	Tritium	1.2E-02 ± 1.6E-05	µCi/mL	GE

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91
Depth to water: 37.35 ft (11.38 m) below TOC
Water elevation: 225.55 ft (68.75 m) msl
Sp. conductance: 366 µS/cm
Water evacuated before sampling: 95 gal
Time: 11:40
pH: 4.3
Alkalinity: 0 mg/L
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	<1.0	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	Total activity	1.3E-02 ± 1.9E-04	µCi/mL	EM

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 39.14 ft (11.93 m) below TOC
Water elevation: 223.86 ft (68.23 m) msl
Sp. conductance: 314 µS/cm
Water evacuated before sampling: 51 gal
Time: 13:25
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	3.5E-03 ± 4.4E-05	µCi/mL	EM

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 10:30
Depth to water: 38.72 ft (11.80 m) below TOC pH: 3.7
Water elevation: 224.28 ft (68.36 m) msl Alkalinity: 0 mg/L
Sp. conductance: 321 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
1	Specific conductance	260	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	6,080	µg/L	GE
0	Antimony	<2.0	µg/L	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	2,450	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,920	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	15	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	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	617	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	870	µg/L	GE
2	Manganese	422	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	13	µg/L	GE
2	Nitrate as nitrogen	30,000	µg/L	GE
0	Potassium	1,010	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	20,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14,200	µg/L	GE
0	Sulfate	11,800	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	142,000	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	64	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.6E-06 ± 2.8E-08	µCi/mL	GE
0	Total activity	5.0E-03 ± 5.2E-05	µCi/mL	EM
2	Total radium	3.0E-08 ± 6.1E-09	µCi/mL	GE
2	Tritium	4.8E-03 ± 9.8E-06	µCi/mL	GE

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91 Time: 16:30
Depth to water: 33.61 ft (10.24 m) below TOC pH: 5.3
Water elevation: 226.59 ft (69.07 m) msl Alkalinity: 4 mg/L
Sp. conductance: 32 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 193 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.7	mg/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	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,950	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	<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	120	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	383	µg/L	GE
0	Manganese	2.7	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	130	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	13,100	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	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 dissolved solids	69,000	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)	450	µg/L	GE
0	Total phosphates (as P)	450	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	3.3	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	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 26.67 ft (8.13 m) below TOC
Water elevation: 233.43 ft (71.15 m) msl
Sp. conductance: 69 µS/cm
Water evacuated before sampling: 43 gal

Time: 16:15
pH: 4.9
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	50	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.4	mg/L	GE
0	Aluminum	22	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	1,710	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,780	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	<4.0	µg/L	GE
0	Copper	41	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	24	µg/L	GE
0	Lead	4.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	741	µg/L	GE
1	Manganese	37	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	6.8	µg/L	GE
0	Nitrate as nitrogen	3,800	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,190	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,020	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	Tetrachloroethylene	<1.0	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	8.1	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	1.1	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	153	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	2.6E-08 ± 4.8E-09	µCi/mL	GE
0	Total activity	6.1E-04 ± 5.8E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	6.4E-04 ± 3.6E-06	µCi/mL	GE

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 33.04 ft (10.07 m) below TOC
Water elevation: 225.46 ft (68.72 m) msl
Sp. conductance: 60 µS/cm
Water evacuated before sampling: 155 gal

Time: 16:55
pH: 5.9
Alkalinity: 14 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	19	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	6,270	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	<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	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	327	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	GE
0	Potassium	1,680	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	2,960	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	78,000	µg/L	GE
0	Total dissolved solids	81,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	370	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	3.8	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
1	Tritium	1.9E-05 ± 6.0E-07	µCi/mL	GE

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 Time: 13:15
Depth to water: 28.20 ft (8.60 m) below TOC pH: 9.4
Water elevation: 230.50 ft (70.26 m) msl Alkalinity: 157 mg/L
Sp. conductance: 729 µS/cm Water temperature: 22.8°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.3E-02 ± 8.1E-05	µCi/mL	EM

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91 Time: 17:20
Depth to water: 28.32 ft (8.63 m) below TOC pH: 9.1
Water elevation: 230.38 ft (70.22 m) msl Alkalinity: 122 mg/L
Sp. conductance: 659 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.3	pH	GE
2	Specific conductance	650	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	134	mg/L	GE
2	Aluminum	419	µg/L	GE
0	Antimony	<2.0	µg/L	GE
2	Arsenic	167	µg/L	GE
0	Barium	9.3	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	2.1	µg/L	GE
0	Calcium	632	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,000	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	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	610	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	524	µg/L	GE
2	Manganese	258	µg/L	GE
2	Mercury	4.0	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,280	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	134,000	µg/L	GE
0	Sulfate	8,160	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 dissolved solids	455,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	86	µg/L	GE
0	Total phosphates (as P)	4,100	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
2	Vanadium	463	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	5.6E-09 ± 5.9E-09	µCi/mL	GE

WELL HSB101D collected on 07/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	2.4E-07 ± 1.8E-08	µCi/mL	GE
0	Total activity	1.0E-02 ± 1.7E-04	µCi/mL	EM
2	Total radium	6.9E-09 ± 3.6E-09	µCi/mL	GE
2	Tritium	1.0E-02 ± 1.5E-05	µCi/mL	GE

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 13:00
Depth to water: 27.41 ft (8.35 m) below TOC pH: 8.5
Water elevation: 231.29 ft (70.50 m) msl Alkalinity: 117 mg/L
Sp. conductance: 733 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 40 gal

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 Time: 9:15
Depth to water: 33.71 ft (10.27 m) below TOC pH: 6.0
Water elevation: 225.29 ft (68.67 m) msl Alkalinity: 13 mg/L
Sp. conductance: 199 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 154 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	165	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	37	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	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	6,160	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,200	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)	<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	1,550	µg/L	GE
2	Manganese	84	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.2	µg/L	GE
2	Nitrate as nitrogen	14,900	µg/L	GE
0	Potassium	3,630	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,450	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	20,700	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	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)	410	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

WELL HSB102C collected on 07/25/91, 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	9.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.7E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 2.4E-09	µCi/mL	GE
2	Tritium	2.2E-04 ± 2.0E-06	µCi/mL	GE

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 30.27 ft (9.23 m) below TOC
Water elevation: 228.33 ft (69.60 m) msl
Sp. conductance: 380 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 12:30
pH: 3.6
Alkalinity: 0 mg/L
Water temperature: 21.3°C

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 30.29 ft (9.23 m) below TOC
Water elevation: 228.31 ft (69.59 m) msl
Sp. conductance: 396 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 15:30
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	GE
1	Specific conductance	400	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	10,500	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	59	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,180	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,400	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	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)	<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	298	µg/L	GE
1	Iron	223	µg/L	GE
2	Lead	47	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,100	µg/L	GE
2	Manganese	828	µg/L	GE
1	Mercury	1.3	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	23	µg/L	GE
2	Nitrate as nitrogen	31,500	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,570	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,280	µg/L	GE
0	Sulfate	6,780	µg/L	GE
0	Sulfide	<1,000	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 dissolved solids	169,000	µg/L	GE
0	Total dissolved solids	172,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

WELL HSB102D collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Total organic halogens	730	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Total silica	12,800	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	82	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.6E-08 ± 2.8E-08	µCi/mL	GE
0	Total activity	9.4E-03 ± 1.6E-04	µCi/mL	EM
2	Total radium	8.9E-08 ± 1.3E-08	µCi/mL	GE
2	Tritium	8.4E-03 ± 1.3E-05	µCi/mL	GE

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 23.67 ft (7.21 m) below TOC
Water elevation: 223.73 ft (68.19 m) msl
Sp. conductance: 219 µS/cm
Water evacuated before sampling: 170 gal

Time: 9:25
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	175	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.2	mg/L	GE
1	Aluminum	139	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	66	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,740	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	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	5,180	µg/L	GE
2	Manganese	433	µg/L	GE
1	Mercury	1.1	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.3	µg/L	GE
2	Nitrate as nitrogen	21,000	µg/L	GE
0	Potassium	1,650	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,680	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,300	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	Tetrachloroethylene	1.9	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	168,000	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	Toxaphene	<0.24	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 HSB103C collected on 07/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.8	µg/L	GE
0	Trichlorofluoromethane	<1.0	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	Gross alpha	2.1E-09 ± 1.8E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 4.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-08 ± 4.4E-09	µCi/mL	GE
0	Total activity	9.9E-04 ± 8.0E-06	µCi/mL	EM
0	Total radium	2.0E-09 ± 4.0E-10	µCi/mL	GE
0	Total radium	1.0E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	8.6E-04 ± 4.2E-06	µCi/mL	GE

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91
Depth to water: 22.42 ft (6.83 m) below TOC
Water elevation: 225.18 ft (68.64 m) msl
Sp. conductance: 215 µS/cm
Water evacuated before sampling: 30 gal
Time: 14:15
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	3.9E-03 ± 4.7E-05	µCi/mL	EM

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 22.37 ft (6.82 m) below TOC
Water elevation: 225.23 ft (68.65 m) msl
Sp. conductance: 212 µS/cm
Water evacuated before sampling: 30 gal
Time: 9:45
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	Specific conductance	170	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	739	µg/L	GE
0	Antimony	<2.0	µg/L	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	1,140	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,750	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	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	Magnesium	1,730	µg/L	GE
2	Manganese	185	µg/L	GE
1	Mercury	1.4	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	14,000	µg/L	GE
0	Potassium	799	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,640	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	29,100	µg/L	GE

WELL HSB103D collected on 07/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	8,010	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 dissolved solids	173,000	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	5.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	6.2E-07 ± 1.7E-08	µCi/mL	GE
0	Total activity	4.3E-03 ± 5.4E-05	µCi/mL	EM
2	Total radium	1.7E-08 ± 5.1E-09	µCi/mL	GE
2	Tritium	3.3E-03 ± 8.0E-06	µCi/mL	GE

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 21.04 ft (6.41 m) below TOC
Water elevation: 226.56 ft (69.06 m) msl
Sp. conductance: 219 µS/cm
Water evacuated before sampling: 34 gal
Time: 15:20
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 21.6°C

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 27.18 ft (8.28 m) below TOC
Water elevation: 220.72 ft (67.26 m) msl
Sp. conductance: 180 µS/cm
Water evacuated before sampling: 150 gal
Time: 11:20
pH: 9.7
Alkalinity: 47 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.8	pH	GE
0	Specific conductance	135	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	52	mg/L	GE
2	Aluminum	487	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	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	16,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,520	µg/L	GE
0	Chloride	3,640	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	631	µg/L	GE
0	Manganese	16	µg/L	GE

ANALYTICAL RESULTS

WELL HSB104C collected on 07/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.40	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	5,600	µg/L	GE
0	Potassium	9,100	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	11,900	µg/L	GE
0	Sulfate	1,110	µg/L	GE
0	Sulfate	1,120	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	3.2	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	96,000	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	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-08 ± 4.4E-09	µCi/mL	GE
0	Total activity	3.9E-04 ± 5.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.5E-04 ± 2.7E-06	µCi/mL	GE

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 23.08 ft (7.03 m) below TOC
Water elevation: 224.72 ft (68.50 m) msl
Sp. conductance: 276 µS/cm
Water evacuated before sampling: 46 gal

Time: 10:15
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	GE
0	Specific conductance	210	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	5,990	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	59	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,860	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	8.4	µg/L	GE
0	Copper	9.6	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	237	µg/L	GE
0	Fluoride	227	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	826	µg/L	GE
2	Manganese	475	µg/L	GE
2	Mercury	2.5	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	10	µg/L	GE
0	Nitrate as nitrogen	400	µg/L	GE
0	Potassium	572	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL HSB104D collected on 07/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	12,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,000	µg/L	GE
0	Sulfate	88,000	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 dissolved solids	172,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	16	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	32	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	2.4E-06 ± 3.4E-08	µCi/mL	GE
0	Total activity	4.9E-03 ± 5.7E-05	µCi/mL	EM
2	Total radium	4.6E-08 ± 8.0E-09	µCi/mL	GE
2	Tritium	2.9E-03 ± 7.5E-06	µCi/mL	GE

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 21.37 ft (6.51 m) below TOC
Water elevation: 226.43 ft (69.02 m) msl
Sp. conductance: 300 µS/cm
Water evacuated before sampling: 42 gal

Time: 15:30
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 20.0°C

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 29.86 ft (9.10 m) below TOC
Water elevation: 219.64 ft (66.95 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 177 gal

Time: 12:00
pH: 5.8
Alkalinity: 14 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	18	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	5.9	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	8,460	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,620	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)	<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	786	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL HSB105C collected on 07/17/91, 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	3,180	µg/L	GE
0	Potassium	1,660	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	2,880	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	Tetrachloroethylene	1.4	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	54,000	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)	360	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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
0	Nonvolatile beta	6.3E-09 ± 3.1E-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 HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91
Depth to water: 24.48 ft (7.46 m) below TOC
Water elevation: 225.01 ft (68.56 m) msl
Sp. conductance: 415 µS/cm
Water evacuated before sampling: 44 gal
Time: 14:45
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	5.3E-03 ± 5.3E-05	µCi/mL	EM

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 24.36 ft (7.43 m) below TOC
Water elevation: 225.14 ft (68.62 m) msl
Sp. conductance: 378 µS/cm
Water evacuated before sampling: 35 gal
Time: 11:40
pH: 3.8
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	GE
1	Specific conductance	315	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	7,480	µg/L	GE
0	Antimony	<2.0	µg/L	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	3,740	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	Cobalt	12	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

WELL HSB105D collected on 07/17/91, 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	790	µg/L	GE
0	Iron	63	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	611	µg/L	GE
1	Mercury	1.5	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	14	µg/L	GE
2	Nitrate as nitrogen	16,300	µg/L	GE
0	Potassium	1,010	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,960	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	21,900	µg/L	GE
0	Sulfate	25,500	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 dissolved solids	171,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	15	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	70	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	4.7E-08 ± 4.8E-08	µCi/mL	GE
0	Total activity	4.1E-03 ± 5.2E-05	µCi/mL	EM
2	Total radium	8.4E-08 ± 1.3E-08	µCi/mL	GE
2	Total radium	7.4E-08 ± 1.2E-08	µCi/mL	GE
2	Tritium	3.0E-03 ± 7.5E-06	µCi/mL	GE

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 22.64 ft (6.90 m) below TOC
Water elevation: 226.86 ft (69.15 m) msl
Sp. conductance: 410 µS/cm
Water evacuated before sampling: 40 gal
Time: 14:25
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 20.5°C

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 30.34 ft (9.25 m) below TOC
Water elevation: 222.56 ft (67.84 m) msl
Sp. conductance: 105 µS/cm
Water evacuated before sampling: 168 gal
Time: 13:30
pH: 6.0
Alkalinity: 7 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	70	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	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	6,570	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

ANALYTICAL RESULTS

WELL HSB106C collected on 07/25/91, 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	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	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,160	µg/L	GE
0	Manganese	7.3	µg/L	GE
0	Mercury	0.61	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	6,400	µg/L	GE
0	Potassium	797	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,070	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
2	Tetrachloroethylene	7.3	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	<10	µg/L	LC
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	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09 ± 2.1E-09	µCi/mL	GE
0	Total activity	3.8E-04 ± 4.5E-06	µCi/mL	EM
1	Total radium	2.7E-09 ± 3.1E-09	µCi/mL	GE
2	Tritium	3.8E-04 ± 2.7E-06	µCi/mL	GE

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 26.21 ft (7.99 m) below TOC
Water elevation: 226.69 ft (69.10 m) msl
Sp. conductance: 184 µS/cm
Water evacuated before sampling: 42 gal

Time: 14:05
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 20.3°C

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 26.33 ft (8.03 m) below TOC
Water elevation: 226.57 ft (69.06 m) msl
Sp. conductance: 204 µS/cm
Water evacuated before sampling: 42 gal

Time: 13:10
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
0	Specific conductance	200	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	738	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	1,580	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	Cobalt	5.8	µg/L	GE

WELL HSB106D collected on 07/25/91, 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	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	112	µg/L	GE
0	Iron	128	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,310	µg/L	GE
2	Manganese	170	µg/L	GE
0	Mercury	0.87	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	6.3	µg/L	GE
2	Nitrate as nitrogen	22,000	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	24,100	µg/L	GE
0	Sulfate	31,800	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 dissolved solids	159,000	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	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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
2	Nonvolatile beta	1.4E-07 ± 8.4E-09	µCi/mL	GE
0	Total activity	2.1E-03 ± 3.4E-05	µCi/mL	EM
2	Total radium	1.2E-08 ± 4.9E-09	µCi/mL	GE
2	Tritium	2.0E-03 ± 6.3E-06	µCi/mL	GE

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 41.44 ft (12.63 m) below TOC
Water elevation: 220.16 ft (67.11 m) msl
Sp. conductance: 166 µS/cm
Water evacuated before sampling: 160 gal

Time: 12:50
pH: 6.6
Alkalinity: 44 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	54	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	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	15,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,460	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	<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

WELL HSB107C collected on 07/25/91, 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	154	µg/L	GE
2	Iron	354	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	878	µg/L	GE
2	Manganese	491	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	4,200	µg/L	GE
0	Potassium	3,110	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	12,900	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
2	Tetrachloroethylene	7.4	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	103,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
0	Total phosphates (as P)	<100	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	9.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 2.9E-09	µCi/mL	GE
0	Total activity	4.8E-04 ± 5.1E-08	µCi/mL	EM
0	Total radium	1.8E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	4.6E-04 ± 3.0E-06	µCi/mL	GE
2	Tritium	4.6E-04 ± 3.0E-06	µCi/mL	GE

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91
Depth to water: 37.62 ft (11.47 m) below TOC
Water elevation: 224.68 ft (68.48 m) msl
Sp. conductance: 307 µS/cm
Water evacuated before sampling: 27 gal
Time: 11:10
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	7.4E-03 ± 6.3E-05	µCi/mL	EM

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 36.39 ft (11.09 m) below TOC
Water elevation: 225.91 ft (68.86 m) msl
Sp. conductance: 309 µS/cm
Water evacuated before sampling: 28 gal
Time: 13:50
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.3°C

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: 36.16 ft (11.02 m) below TOC
Water elevation: 226.14 ft (68.93 m) msl
Sp. conductance: 296 µS/cm
Water evacuated before sampling: 29 gal
Time: 10:00
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
1	Specific conductance	260	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
2	Aluminum	516	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE

WELL HSB107D collected on 07/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	3,680	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,820	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	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	121	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	2,500	µg/L	GE
2	Manganese	219	µg/L	GE
2	Mercury	3.1	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	28,000	µg/L	GE
0	Potassium	1,480	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	Sodium	31,900	µg/L	GE
0	Sulfate	8,770	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 dissolved solids	169,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,230	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Total silica	4,240	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	18	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	4.0E-06 ± 1.2E-07	µCi/mL	GE
0	Total activity	6.3E-03 ± 5.9E-05	µCi/mL	EM
2	Total radium	7.2E-08 ± 1.4E-08	µCi/mL	GE
2	Tritium	5.7E-03 ± 1.1E-05	µCi/mL	GE

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 47.48 ft (14.47 m) below TOC
Water elevation: 218.72 ft (66.67 m) msl
Sp. conductance: 165 µS/cm
Water evacuated before sampling: 86 gal
Time: 12:40
pH: 6.7
Alkalinity: 53 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	130	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	64	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	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	27,000	µg/L	GE

ANALYTICAL RESULTS

WELL HSB108C collected on 07/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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	210	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	2,140	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.40	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,800	µg/L	GE
0	Potassium	<500	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	3,040	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	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
1	Total organic halogens	34	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	Vanadium	<10	µg/L	GE
0	Zinc	9.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.2E-09 ± 2.1E-09	µCi/mL	GE
0	Total activity	4.4E-04 ± 5.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.9E-04 ± 2.8E-06	µCi/mL	GE

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 42.86 ft (13.06 m) below TOC
Water elevation: 223.44 ft (68.11 m) msl
Sp. conductance: 352 µS/cm
Water evacuated before sampling: 30 gal

Time: 12:55
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
1	Specific conductance	290	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	1,570	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	82	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,670	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	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

WELL HSB108D collected on 07/17/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	279	µg/L	GE
0	Iron	63	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,920	µg/L	GE
2	Manganese	667	µg/L	GE
2	Mercury	4.0	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	18	µg/L	GE
2	Nitrate as nitrogen	29,500	µg/L	GE
0	Potassium	1,680	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	36,300	µg/L	GE
0	Sulfate	97,400	µg/L	GE
0	Sulfide	<1,000	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 dissolved solids	202,000	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)	<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	40	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	5.4E-08 ± 5.1E-08	µCi/mL	GE
0	Total activity	1.6E-02 ± 1.0E-04	µCi/mL	EM
2	Total radium	6.8E-08 ± 1.1E-08	µCi/mL	GE
2	Tritium	1.1E-02 ± 1.5E-05	µCi/mL	GE

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 42.03 ft (12.81 m) below TOC
Water elevation: 224.27 ft (68.36 m) msl
Sp. conductance: 351 µS/cm
Water evacuated before sampling: 32 gal

Time: 13:35
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 22.2°C

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 42.70 ft (13.02 m) below TOC
Water elevation: 218.90 ft (66.72 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 133 gal

Time: 14:55
pH: 5.8
Alkalinity: 10 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	45	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	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	4,660	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,860	µg/L	GE
0	Chloride	2,890	µg/L	GE

WELL HSB109C collected on 07/17/91, 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	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	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	292	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	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,320	µg/L	GE
0	Nitrate as nitrogen	1,350	µg/L	GE
0	Potassium	< 500	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	4,200	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	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	35,000	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	< 5.0	µg/L	GE
0	Total phosphates (as P)	200	µg/L	GE
0	Toxaphene	< 0.2	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	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
0	Nonvolatile beta	4.3E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
2	Tritium	9.0E-05 ± 1.4E-06	µCi/mL	GE

WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91
Depth to water: 37.51 ft (11.43 m) below TOC
Water elevation: 223.69 ft (68.18 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 28 gal

Time: 14:35
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	< 1.0	mg/L	GE
2	Aluminum	535	µg/L	GE
0	Antimony	< 2.0	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
0	Calcium	1,070	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

WELL HSB109D collected on 07/17/91, 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	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	6.3	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	921	µg/L	GE
2	Manganese	204	µg/L	GE
0	Mercury	0.56	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	5.3	µg/L	GE
0	Nitrate as nitrogen	4,500	µg/L	GE
0	Nitrate as nitrogen	4,600	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,570	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,960	µg/L	GE
0	Sulfate	2,190	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 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)	< 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	21	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
2	Nonvolatile beta	7.5E-07 ± 1.9E-08	µCi/mL	GE
0	Total activity	7.0E-04 ± 2.5E-05	µCi/mL	EM
2	Total radium	5.3E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	5.9E-04 ± 3.5E-06	µCi/mL	GE

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 38.72 ft (11.19 m) below TOC
Water elevation: 218.98 ft (66.75 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 126 gal

Time: 9:50
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.5	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	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	1,350	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	< 4.0	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

ANALYTICAL RESULTS

WELL HSB110C collected on 07/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	8.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	323	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	730	µg/L	GE
0	Potassium	<500	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	2,170	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
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)	<100	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	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	4.1E-05 ± 9.0E-07	µCi/mL	GE

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 36.72 ft (11.19 m) below TOC
Water elevation: 218.98 ft (66.75 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 126 gal
Time: 8:50
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.6	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	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	1,310	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,810	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	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)	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
0	Ethylbenzene	<1.0	µg/L	GE

WELL HSB110C collected on 07/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iron	6.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	317	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.40	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	700	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	2,190	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	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 dissolved solids	19,000	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)	<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	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	4.2E-05 ± 9.0E-07	µCi/mL	GE
2	Tritium	4.2E-05 ± 9.0E-07	µCi/mL	GE

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 32.89 ft (10.02 m) below TOC
Water elevation: 222.71 ft (67.88 m) msl
Sp. conductance: 100 µS/cm
Water evacuated before sampling: 31 gal
Time: 9:50
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	1,610	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	891	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,760	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	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	126	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	187	µg/L	GE
2	Manganese	114	µg/L	GE

WELL HSB110D collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	7.5	µg/L	GE
1	Nitrate as nitrogen	6,700	µg/L	GE
0	Potassium	799	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,170	µg/L	GE
0	Sulfate	35,900	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 dissolved solids	58,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
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	26	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	3.8E-07 ± 1.4E-08	µCi/mL	GE
0	Total activity	3.5E-04 ± 4.4E-06	µCi/mL	EM
2	Total radium	9.9E-09 ± 5.1E-09	µCi/mL	GE
2	Tritium	2.6E-04 ± 2.3E-06	µCi/mL	GE

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 34.65 ft (10.56 m) below TOC
Water elevation: 221.35 ft (67.47 m) msl
Sp. conductance: 242 µS/cm
Water evacuated before sampling: 212 gal

Time: 10:40
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	225	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
2	Aluminum	207	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	16,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,680	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)	<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	178	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	3,610	µg/L	GE
1	Manganese	41	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	6.8	µg/L	GE
2	Nitrate as nitrogen	21,500	µg/L	GE
0	Potassium	590	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	17,400	µg/L	GE

WELL HSB111C collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	4,160	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 dissolved solids	225,000	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	35	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-08 ± 4.5E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-08 ± 4.5E-09	µCi/mL	GE
0	Total activity	3.8E-03 ± 4.5E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.7E-03 ± 8.7E-06	µCi/mL	GE

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 33.41 ft (10.18 m) below TOC
Water elevation: 222.59 ft (67.85 m) msl
Sp. conductance: 537 µS/cm
Water evacuated before sampling: 98 gal

Time: 11:15
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
2	Specific conductance	550	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
2	Aluminum	231	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	5,930	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,820	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	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	129	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	2,600	µg/L	GE
2	Manganese	56	µg/L	GE
0	Mercury	0.22	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.3	µg/L	GE
2	Nitrate as nitrogen	48,000	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	87,200	µg/L	GE
0	Sulfate	3,480	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 dissolved solids	403,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL HSB111D collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	17	µg/L	GE
0	Gross alpha	3.3E-09 ± 2.3E-09	µCi/mL	GE
1	Nonvolatile beta	4.5E-08 ± 5.8E-09	µCi/mL	GE
0	Total activity	1.5E-02 ± 2.0E-04	µCi/mL	EM
1	Total radium	4.7E-09 ± 3.5E-09	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.8E-05	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.8E-05	µCi/mL	GE

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91
Depth to water: 33.68 ft (10.27 m) below TOC
Water elevation: 222.22 ft (67.73 m) msl
Sp. conductance: 160 µS/cm
Water evacuated before sampling: 31 gal
Time: 11:30
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	2.1E-04 ± 1.5E-05	µCi/mL	EM

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 33.11 ft (10.09 m) below TOC
Water elevation: 222.79 ft (67.91 m) msl
Sp. conductance: 109 µS/cm
Water evacuated before sampling: 36 gal
Time: 11:00
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	2,480	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,070	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)	<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	294	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	997	µg/L	GE
2	Manganese	202	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	7.5	µg/L	GE
2	Nitrate as nitrogen	10,500	µg/L	GE
0	Potassium	696	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL HSB111E collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	8,130	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,670	µg/L	GE
0	Sulfate	37,300	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 dissolved solids	65,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	20	µg/L	LC
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	37	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	2.7E-06 ± 3.6E-08	µCi/mL	GE
0	Total activity	6.7E-04 ± 2.1E-05	µCi/mL	EM
2	Total radium	6.9E-08 ± 1.3E-08	µCi/mL	GE
2	Tritium	7.3E-04 ± 3.8E-06	µCi/mL	GE

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: 31.98 ft (9.75 m) below TOC
Water elevation: 222.92 ft (67.95 m) msl
Sp. conductance: 186 µS/cm
Water evacuated before sampling: 216 gal
Time: 10:50
pH: 6.0
Alkalinity: 13 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	15	mg/L	GE
0	Aluminum	31	µg/L	GE
0	Antimony	<2.0	µg/L	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	13,700	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	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	187	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	3,150	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	<4.0	µg/L	GE
2	Nitrate as nitrogen	16,000	µg/L	GE
0	Potassium	535	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	13,700	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	124,000	µg/L	GE

WELL HSB112C collected on 07/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	156	µg/L	GE
0	Total phosphates (as P)	480	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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
1	Gross alpha	1.2E-08 ± 1.1E-08	µCi/mL	GE
2	Nonvolatile beta	6.2E-08 ± 2.0E-08	µCi/mL	GE
0	Total activity	2.7E-03 ± 4.0E-05	µCi/mL	EM
0	Total radium	2.4E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	2.8E-03 ± 7.3E-06	µCi/mL	GE

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: 31.31 ft (9.54 m) below TOC
Water elevation: 223.79 ft (68.21 m) msl
Sp. conductance: 433 µS/cm
Water evacuated before sampling: 93 gal
Time: 10:30
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
2	Specific conductance	500	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
1	Aluminum	141	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	1,730	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,630	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	6.1	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
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	6.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,250	µg/L	GE
2	Manganese	227	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.4	µg/L	GE
2	Nitrate as nitrogen	48,000	µg/L	GE
0	Potassium	901	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	77,600	µg/L	GE
0	Sulfate	22,100	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 dissolved solids	341,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	138	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Total silica	4,200	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

WELL HSB112D collected on 07/29/91, 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	9.1	µg/L	GE
0	Gross alpha	3.5E-09 ± 1.0E-08	µCi/mL	GE
2	Nonvolatile beta	1.4E-07 ± 2.6E-08	µCi/mL	GE
0	Total activity	1.9E-02 ± 2.3E-04	µCi/mL	EM
2	Total radium	5.1E-09 ± 3.9E-09	µCi/mL	GE
2	Tritium	1.7E-02 ± 1.8E-05	µCi/mL	GE
2	Tritium	1.7E-02 ± 1.8E-05	µCi/mL	GE

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91
Depth to water: 31.34 ft (9.55 m) below TOC
Water elevation: 223.76 ft (68.20 m) msl
Sp. conductance: 389 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.
Time: 8:15
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
1	Specific conductance	295	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
1	Aluminum	134	µg/L	GE
0	Antimony	<2.0	µg/L	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	4.1	µg/L	GE
0	Calcium	4,830	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	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
1	Cobalt	29	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	47	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	105	µg/L	GE
0	Iron	5.6	µg/L	GE
2	Lead	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,400	µg/L	GE
2	Manganese	894	µg/L	GE
1	Mercury	1.0	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	27	µg/L	GE
2	Nitrate as nitrogen	35,000	µg/L	GE
2	Nitrate as nitrogen	35,000	µg/L	GE
0	Potassium	1,590	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	59,400	µg/L	GE
0	Sulfate	5,080	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 dissolved solids	293,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.2	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	63	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	5.3E-07 ± 4.7E-08	µCi/mL	GE
0	Total activity	1.5E-02 ± 2.0E-04	µCi/mL	EM

ANALYTICAL RESULTS

WELL HSB112E collected on 07/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Total radium	1.3E-08 ± 5.5E-09	µCi/mL	GE
2	Tritium	1.3E-02 ± 1.6E-05	µCi/mL	GE

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 36.30 ft (11.67 m) below TOC
Water elevation: 222.70 ft (67.88 m) msl
Sp. conductance: 129 µS/cm
Water evacuated before sampling: 186 gal
Time: 12:20
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	105	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.2	mg/L	GE
1	Aluminum	133	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,740	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
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	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	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	2,570	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	5.2	µg/L	GE
2	Nitrate as nitrogen	12,300	µg/L	GE
0	Potassium	716	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	10,100	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	123,000	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	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	37	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	3.8E-08 ± 5.3E-09	µCi/mL	GE
0	Total activity	1.5E-03 ± 9.1E-06	µCi/mL	EM
1	Total radium	3.1E-09 ± 3.1E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	1.4E-03 ± 5.1E-06	µCi/mL	GE

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 37.71 ft (11.49 m) below TOC
Water elevation: 223.19 ft (68.03 m) msl
Sp. conductance: 399 µS/cm
Water evacuated before sampling: 22 gal
Time: 11:45
pH: 3.6
Alkalinity: 0 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	GE
1	Specific conductance	330	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	7,820	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	97	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,860	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	9.4	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
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	499	µg/L	GE
0	Iron	73	µg/L	GE
0	Lead	5.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,080	µg/L	GE
2	Manganese	505	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	16	µg/L	GE
2	Nitrate as nitrogen	39,000	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	25,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	21,300	µg/L	GE
0	Sulfate	4,990	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 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 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	99	µg/L	GE
1	Gross alpha	1.2E-08 ± 1.2E-08	µCi/mL	GE
2	Nonvolatile beta	2.9E-06 ± 3.7E-08	µCi/mL	GE
0	Total activity	1.2E-02 ± 8.2E-05	µCi/mL	EM
2	Total radium	5.5E-08 ± 1.0E-08	µCi/mL	GE
2	Total radium	5.8E-08 ± 9.9E-09	µCi/mL	GE
2	Tritium	1.2E-02 ± 1.5E-05	µCi/mL	GE

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 40.01 ft (12.20 m) below TOC
Water elevation: 223.79 ft (68.21 m) msl
Sp. conductance: 505 µS/cm
Water evacuated before sampling: 100 gal

Time: 13:10
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
1	Specific conductance	415	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	1.9	mg/L	GE
2	Aluminum	479	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	12,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,740	µg/L	GE
0	Chloride	6,200	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	6.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<25	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	123	µg/L	GE
0	Fluoride	161	µg/L	GE
0	Iron	8.1	µg/L	GE
2	Lead	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	6,110	µg/L	GE
2	Manganese	187	µg/L	GE
0	Mercury	0.61	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	11	µg/L	GE
2	Nitrate as nitrogen	57,000	µg/L	GE
0	Potassium	718	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,670	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	70,900	µg/L	GE
0	Sulfate	58,800	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 dissolved solids	381,000	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)	<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	34	µg/L	GE
1	Gross alpha	1.1E-08 ± 4.9E-09	µCi/mL	GE
2	Nonvolatile beta	9.5E-08 ± 7.0E-09	µCi/mL	GE
0	Total activity	1.4E-02 ± 8.7E-05	µCi/mL	EM
2	Total radium	8.5E-09 ± 3.9E-09	µCi/mL	GE
2	Tritium	2.9E-03 ± 7.7E-06	µCi/mL	GE
2	Tritium	1.4E-02 ± 1.7E-05	µCi/mL	GE

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 40.39 ft (12.31 m) below TOC
Water elevation: 223.81 ft (68.16 m) msl
Sp. conductance: 291 µS/cm
Water evacuated before sampling: 28 gal

Time: 14:35
pH: 3.8
Alkalinity: 0 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	5.3E-03 ± 5.3E-05	µCi/mL	EM

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 40.04 ft (12.20 m) below TOC
Water elevation: 223.96 ft (68.26 m) msl
Sp. conductance: 298 µS/cm
Water evacuated before sampling: 29 gal

Time: 13:25
pH: 3.8
Alkalinity: 0 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	GE
0	Specific conductance	245	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	4,880	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	3,020	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	5.7	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)	<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	499	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	6.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	970	µg/L	GE
2	Manganese	275	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	30,000	µg/L	GE
0	Potassium	2,320	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	19,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19,400	µg/L	GE
0	Sulfate	26,900	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 dissolved solids	139,000	µg/L	GE
0	Total dissolved solids	139,000	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)	<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	67	µg/L	GE

ANALYTICAL RESULTS

WELL HSB114D collected on 07/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.8E-06 ± 3.4E-08	µCi/mL	GE
2	Nonvolatile beta	1.9E-06 ± 3.5E-08	µCi/mL	GE
0	Total activity	8.5E-03 ± 5.9E-05	µCi/mL	EM
2	Total radium	3.6E-08 ± 6.8E-09	µCi/mL	GE
2	Tritium	6.6E-03	µCi/mL	GE

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91 — Time: 11:35
Depth to water: 42.80 ft (13.05 m) below TOC — pH: 8.5
Water elevation: 228.50 ft (69.04 m) msl — Alkalinity: 24 mg/L
Sp. conductance: 512 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 115 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
2	Specific conductance	550	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	28	mg/L	GE
0	Alkalinity (as $CaCO_3$)	28	mg/L	GE
1	Aluminum	173	µg/L	GE
0	Antimony	<2.0	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	Calcium	20,000	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)	<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	2,290	µg/L	GE
2	Manganese	251	µg/L	GE
0	Mercury	0.29	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	54,000	µg/L	GE
0	Potassium	1,220	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,360	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	71,700	µg/L	GE
0	Sulfate	6,920	µg/L	GE
0	Sulfide	<1,000	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 dissolved solids	411,000	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)	<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	5.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	8.1E-08 ± 7.5E-09	µCi/mL	GE
0	Total activity	1.9E-02 ± 2.3E-04	µCi/mL	EM
2	Total radium	8.2E-09 ± 4.3E-09	µCi/mL	GE
2	Tritium	1.9E-02 ± 1.9E-05	µCi/mL	GE

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 — Time: 8:40
Depth to water: 42.70 ft (13.02 m) below TOC — pH: 4.2
Water elevation: 226.40 ft (69.01 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 268 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	Specific conductance	205	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	2,360	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	180	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	2,780	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
1	Cobalt	34	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	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	683	µg/L	GE
0	Iron	126	µg/L	GE
2	Lead	26	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,290	µg/L	GE
2	Manganese	1,050	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	43	µg/L	GE
2	Nitrate as nitrogen	25,000	µg/L	GE
2	Nitrate as nitrogen	25,000	µg/L	GE
0	Potassium	966	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	29,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,700	µg/L	GE
0	Sulfate	5,460	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 dissolved solids	216,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	82	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	174	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.9E-06 ± 8.6E-08	µCi/mL	GE
0	Total activity	5.8E-03 ± 1.3E-04	µCi/mL	EM
2	Total radium	2.7E-08 ± 7.5E-09	µCi/mL	GE
2	Tritium	5.3E-03 ± 1.0E-05	µCi/mL	GE

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: 29.88 ft (9.11 m) below TOC
Water elevation: 227.62 ft (69.38 m) msl
Sp. conductance: 509 µS/cm
Water evacuated before sampling: 124 gal

Time: 12:15
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
2	Specific conductance	600	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
1	Aluminum	104	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	3,580	µg/L	GE
0	Carbon tetrachloride	<1.0	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
2	Cobalt	57	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	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	1,680	µg/L	GE
2	Manganese	819	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	7.7	µg/L	GE
2	Nitrate as nitrogen	53,000	µg/L	GE
2	Nitrate as nitrogen	58,000	µg/L	GE
0	Potassium	943	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	83,400	µg/L	GE
0	Sulfate	4,620	µg/L	GE
0	Sulfate	4,750	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 dissolved solids	339,000	µg/L	GE
0	Total dissolved solids	348,000	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	34	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Total silica	4,040	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	14	µg/L	GE
0	Gross alpha	6.8E-09 ± 1.2E-08	µCi/mL	GE
2	Nonvolatile beta	2.2E-07 ± 3.2E-08	µCi/mL	GE
0	Total activity	1.7E-02 ± 2.2E-04	µCi/mL	EM
2	Total radium	8.5E-09 ± 4.7E-09	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.7E-05	µCi/mL	GE

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91
Depth to water: 30.64 ft (9.34 m) below TOC
Water elevation: 226.16 ft (68.93 m) msl
Sp. conductance: 377 µS/cm
Water evacuated before sampling: 31 gal

Time: 10:40
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.4E-02 ± 8.6E-05	µCi/mL	EM

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: 28.74 ft (8.76 m) below TOC
Water elevation: 228.06 ft (69.51 m) msl
Sp. conductance: 392 µS/cm
Water evacuated before sampling: 36 gal

Time: 12:30
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.1	pH	GE
1	Specific conductance	400	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	2,920	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	219	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,030	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,630	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	8.4	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	84	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	412	µg/L	GE
0	Iron	43	µg/L	GE
1	Lead	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,130	µg/L	GE
2	Manganese	542	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	43,000	µg/L	GE
0	Potassium	2,290	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	35,100	µg/L	GE
0	Sulfate	10,900	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 dissolved solids	206,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	351	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	87	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB116D collected on 07/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	1.2E-05 ± 2.1E-07	µCi/mL	GE
0	Total activity	1.6E-02 ± 2.1E-04	µCi/mL	EM
2	Total radium	1.4E-07 ± 1.6E-08	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.8E-05	µCi/mL	GE

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 69.53 ft (21.19 m) below TOC
Water elevation: 166.77 ft (50.83 m) msl
Sp. conductance: 146 µS/cm
Water evacuated before sampling: 217 gal
Time: 12:20
pH: 6.5
Alkalinity: 48 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	56	mg/L	GE
0	Alkalinity (as $CaCO_3$)	56	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	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	23,100	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	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	116	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	805	µg/L	GE
2	Manganese	111	µg/L	GE
0	Mercury	0.26	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	1,180	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	28,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,780	µg/L	GE
0	Sulfate	7,000	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	<10	µg/L	LC
0	Total phosphates (as P)	160	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	Vanadium	<10	µg/L	GE
0	Zinc	4.2	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	2.2E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 10.31 ft (3.14 m) below TOC
Water elevation: 225.99 ft (68.88 m) msl
Sp. conductance: 490 µS/cm
Water evacuated before sampling: 163 gal
Time: 12:40
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
1	Specific conductance	375	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
2	Aluminum	420	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	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	9,180	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,440	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	Cobalt	4.5	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)	1.2	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	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	5,200	µg/L	GE
2	Manganese	115	µg/L	GE
0	Mercury	0.32	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	45,000	µg/L	GE
2	Nitrate as nitrogen	45,000	µg/L	GE
0	Potassium	527	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,430	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	71,300	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	383,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	96	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	15	µg/L	GE
2	Gross alpha	1.6E-08 ± 1.3E-08	µCi/mL	GE
2	Nonvolatile beta	2.1E-07 ± 3.1E-08	µCi/mL	GE
0	Total activity	1.1E-02 ± 1.8E-04	µCi/mL	EM
2	Total radium	7.3E-09 ± 4.5E-09	µCi/mL	GE
2	Tritium	9.9E-03 ± 1.4E-05	µCi/mL	GE

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 Time: 12:05
Depth to water: 6.39 ft (1.95 m) below TOC pH: 4.8
Water elevation: 229.91 ft (70.08 m) msl Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	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	<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	231	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)	3.1	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	5.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	270	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	580	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,710	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,880	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	<10	µg/L	LC
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	3.2	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
0	Nonvolatile beta	2.3E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 3.1E-09	µCi/mL	GE
2	Tritium	1.3E-04 ± 1.6E-06	µCi/mL	GE

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 Time: 9:25
Depth to water: 79.23 ft (24.15 m) below TOC pH: 6.7
Water elevation: 168.07 ft (51.23 m) msl Alkalinity: 48 mg/L
Sp. conductance: 157 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 202 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
0	Specific conductance	115	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	63	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	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	24,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,830	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)	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	<1.0	µg/L	GE
0	Fluoride	121	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	688	µg/L	GE
1	Manganese	46	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	2,410	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	31,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,540	µg/L	GE
0	Sulfate	7,750	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 dissolved solids	112,000	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)	300	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	2.3E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 89.84 ft (27.38 m) below TOC
Water elevation: 167.26 ft (50.98 m) msl
Sp. conductance: 182 µS/cm
Water evacuated before sampling: 194 gal

Time: 10:55
pH: 7.1
Alkalinity: 51 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	135	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	69	mg/L	GE
0	Alkalinity (as $CaCO_3$)	68	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	4.5	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	26,700	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	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	146	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	1,380	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,300	µg/L	GE
0	Potassium	3,520	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	33,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,080	µg/L	GE
0	Sulfate	4,310	µg/L	GE
0	Sulfate	4,350	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 dissolved solids	132,000	µg/L	GE
0	Total dissolved solids	135,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	500	µg/L	GE
2	Total silica	33,800	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	4.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 3.2E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.3E-09	µCi/mL	GE
2	Tritium	2.2E-04 ± 2.1E-06	µCi/mL	GE

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 101.72 ft (31.00 m) below TOC
Water elevation: 166.48 ft (50.74 m) msl
Sp. conductance: 207 µS/cm
Water evacuated before sampling: 198 gal

Time: 10:35
pH: 7.3
Alkalinity: 84 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	91	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	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	34,400	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)	9.0	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	654	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	<50	µg/L	GE
0	Potassium	2,880	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	31,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,970	µg/L	GE
0	Sulfate	6,880	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 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)	<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	5.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-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 HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 102.52 ft (31.25 m) below TOC
Water elevation: 172.08 ft (52.45 m) msl
Inaccessibility or pump failure prevented sample collection.

Time: 12:35

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 — Time: 12:50
Depth to water: 99.08 ft (30.36 m) below TOC — pH: 7.1
Water elevation: 171.92 ft (52.40 m) msl — Alkalinity: 89 mg/L
Sp. conductance: 228 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 227 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	170	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	98	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	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	42,300	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	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	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	821	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	Potassium	841	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	40,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,950	µg/L	GE
0	Sulfate	11,300	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 dissolved solids	156,000	µg/L	GE
0	Total organic carbon	1,000	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)	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	6.8	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-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	2.2E-06 ± 2.0E-07	µCi/mL	GE

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sampl date: 07/26/91 — Time: 14:00
Depth to water: 92.48 ft (28.19 m) below TOC — pH: 8.7
Water elevation: 172.02 ft (52.43 m) msl — Alkalinity: 84 mg/L
Sp. conductance: 221 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 209 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.8	pH	GE
0	Specific conductance	160	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	Arsenic	<2.0	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	41,200	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	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	75	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	746	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	0.83	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	1,650	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	44,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,250	µg/L	GE
0	Sulfate	9,810	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 dissolved solids	171,000	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)	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
1	Total radium	2.8E-09 ± 3.6E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB124A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 — Time: 12:45
Depth to water: 73.96 ft (22.54 m) below TOC — pH: 11.6
Water elevation: 192.24 ft (58.60 m) msl — Alkalinity: 118 mg/L
Sp. conductance: 1322 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 45 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	250	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	70	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	90	µg/L	GE
0	Benzene	<25	µg/L	GE
0	Bromodichloromethane	<25	µg/L	GE
0	Bromoform	<25	µg/L	GE
0	Bromomethane (Methyl bromide)	<25	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	40,100	µg/L	GE
0	Carbon tetrachloride	<25	µg/L	GE
0	Chloride	2,470	µg/L	GE
0	Chlorobenzene	<25	µg/L	GE
0	Chloroethane	<25	µg/L	GE
0	Chloroethene (Vinyl chloride)	<25	µg/L	GE
0	2-Chloroethyl vinyl ether	<25	µg/L	GE
0	Chloroform	<25	µg/L	GE
0	Chloromethane (Methyl chloride)	<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	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<25	µg/L	GE
0	1,1-Dichloroethane	<25	µg/L	GE
0	1,2-Dichloroethane	<25	µg/L	GE
0	1,1-Dichloroethylene	<25	µg/L	GE
0	trans-1,2-Dichloroethylene	<25	µg/L	GE
0	Dichloromethane (Methylene chloride)	115	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<25	µg/L	GE
0	trans-1,3-Dichloropropene	<25	µg/L	GE
0	cis-1,3-Dichloropropene	<25	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<25	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	340	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	4,260	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	32,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	11,800	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<25	µg/L	GE
0	Tetrachloroethylene	<25	µg/L	GE
0	Toluene	<25	µg/L	GE
0	Total dissolved solids	148,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	110	µg/L	LC
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	<25	µg/L	GE
0	1,1,2-Trichloroethane	<25	µg/L	GE
0	Trichloroethylene	<25	µg/L	GE
0	Trichlorofluoromethane	<25	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	52	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.0E-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 HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 — Time: 15:05
Depth to water: 7.77 ft (2.37 m) below TOC — pH: 6.0
Water elevation: 224.13 ft (68.32 m) msl — Alkalinity: 19 mg/L
Sp. conductance: 61 µS/cm — Water temperature: 16.3°C
Water evacuated before sampling: 206 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	25	mg/L	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	4.0	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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,690	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,940	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	4.8	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	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	137	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	1,360	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	70	µg/L	GE
0	Potassium	536	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	1,890	µg/L	GE
0	Sulfate	1,740	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	42	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	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.6E-09	µCi/mL	GE
1	Total radium	3.2E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 Time: 14:25
Depth to water: 9.97 ft (3.04 m) below TOC pH: 4.9
Water elevation: 221.73 ft (67.58 m) msl Alkalinity: 0 mg/L
Sp. conductance: 299 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
1	Specific conductance	250	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.5	mg/L	GE
0	Aluminum	84	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	274	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	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
2	Iron	413	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	480	µg/L	GE
2	Manganese	205	µg/L	GE
1	Mercury	1.6	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	24,000	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,010	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	51,200	µg/L	GE
2	Sulfate	14,400	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	177,000	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)	<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	2.1	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.7E-08 ± 3.3E-09	µCi/mL	GE
0	Total activity	4.7E-03 ± 5.0E-05	µCi/mL	EM
1	Total radium	2.9E-09 ± 2.5E-09	µCi/mL	GE
2	Tritium	4.9E-03 ± 1.0E-05	µCi/mL	GE

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 Time: 14:50
Inaccessibility or pump failure prevented sample collection

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91 Time: 8:20
Depth to water: 8.35 ft (2.55 m) below TOC pH: 7.9
Water elevation: 204.25 ft (62.26 m) msl Alkalinity: 63 mg/L
Sp. conductance: 212 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Specific conductance	199	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	78	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	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	35,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,980	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	4.5	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)	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
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	1,500	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	5,400	µg/L	GE
0	Potassium	865	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	28,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,490	µg/L	GE
0	Sulfate	1,920	µg/L	GE
0	Sulfate	1,920	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	Total dissolved solids	779,000	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)	<100	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	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.9E-09 ± 1.3E-09	µCi/mL	GE
0	Total activity	3.1E-04 ± 4.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.2E-04 ± 2.5E-06	µCi/mL	GE

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 Time: 14:55
Inaccessibility or pump failure prevented sample collection

ANALYTICAL RESULTS

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91 Time: 13:45
Depth to water: 7.73 ft (2.36 m) below TOC pH: 4.5
Water elevation: 204.97 ft (62.48 m) msl Alkalinity: 0 mg/L
Sp. conductance: 476 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
1	Specific conductance	390	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	260	mg/L	GE
2	Aluminum	423	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	107	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,420	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,550	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	4.4	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	<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	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	151	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	4,470	µg/L	GE
2	Manganese	54	µg/L	GE
2	Mercury	6.4	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	6.8	µg/L	GE
2	Nitrate as nitrogen	54,500	µg/L	GE
0	Potassium	1,030	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,620	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	72,100	µg/L	GE
0	Sulfate	1,950	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	658,000	µg/L	GE
0	Total dissolved solids	659,000	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)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.90	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	4.0E-09 ± 2.7E-09	µCi/mL	GE
1	Nonvolatile beta	4.1E-08 ± 4.0E-09	µCi/mL	GE
0	Total activity	5.5E-03 ± 5.5E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.1E-03 ± 1.0E-05	µCi/mL	GE

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 16:00
Depth to water: 15.45 ft (4.71 m) below TOC pH: 7.4
Water elevation: 210.25 ft (64.08 m) msl Alkalinity: 80 mg/L
Sp. conductance: 272 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 162 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
0	Specific conductance	215	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	88	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	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	47,500	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	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	859	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	9,300	µg/L	GE
0	Potassium	517	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,500	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
1	Tetrachloroethylene	3.0	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)	<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	6.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 2.9E-09	µCi/mL	GE
0	Total activity	1.1E-03 ± 7.6E-06	µCi/mL	EM
0	Total radium	1.6E-09 ± 2.2E-09	µCi/mL	GE
2	Tritium	8.7E-04 ± 4.0E-06	µCi/mL	GE

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 — Time: 15:35
Depth to water: 7.97 ft (2.43 m) below TOC — pH: 4.4
Water elevation: 218.13 ft (66.49 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 266 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	210	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	1.9	mg/L	GE
1	Aluminum	128	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	1,540	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	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	Magnesium	1,460	µg/L	GE
2	Manganese	299	µg/L	GE
2	Mercury	3.4	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.6	µg/L	GE
2	Nitrate as nitrogen	28,000	µg/L	GE
2	Nitrate as nitrogen	27,000	µg/L	GE
0	Potassium	555	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,080	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	39,400	µg/L	GE
0	Sulfate	50,100	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	188,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	67	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	4.1	µg/L	GE
0	Gross alpha	4.5E-09 ± 3.1E-09	µCi/mL	GE
2	Nonvolatile beta	7.2E-08 ± 6.1E-09	µCi/mL	GE
0	Total activity	1.4E-02 ± 8.6E-05	µCi/mL	EM
2	Total radium	5.8E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	1.5E-02 ± 1.7E-05	µCi/mL	GE

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 — Time: 11:05
Depth to water: 7.96 ft (2.43 m) below TOC — pH: 5.2
Water elevation: 207.14 ft (63.14 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 207 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 156 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/L	GE
0	Aluminum	83	µg/L	GE
0	Antimony	<2.0	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	16,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,300	µg/L	GE
0	Chloride	4,260	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	<4.0	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	109	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	3,940	µg/L	GE
1	Manganese	47	µg/L	GE
0	Mercury	0.56	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.6	µg/L	GE
2	Nitrate as nitrogen	21,000	µg/L	GE
2	Nitrate as nitrogen	20,000	µg/L	GE
0	Potassium	1,220	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	11,200	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	185,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	97	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	76	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	8.8E-08 ± 2.2E-08	µCi/mL	GE
0	Total activity	2.4E-03 ± 9.7E-05	µCi/mL	EM
1	Total radium	2.6E-09 ± 3.3E-09	µCi/mL	GE
2	Tritium	2.1E-03 ± 6.4E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 11:00
Depth to water: 6.43 ft (1.98 m) below TOC — pH: 4.4
Water elevation: 208.27 ft (63.48 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 369 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	8.9E-03 ± 6.9E-05	µCi/mL	EM

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 — Time: 10:00
Depth to water: 4.40 ft (1.34 m) below TOC — pH: 4.4
Water elevation: 210.30 ft (64.10 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 314 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	230	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	1.0	mg/L	GE
1	Aluminum	133	µg/L	GE
0	Antimony	<2.0	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
0	Calcium	2,700	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	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	2,350	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	0.63	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	27,000	µg/L	GE
2	Nitrate as nitrogen	27,000	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,960	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	54,600	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	231,000	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)	<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	3.3	µg/L	GE
1	Gross alpha	1.1E-08 ± 1.1E-08	µCi/mL	GE

WELL HSB129D collected on 07/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	1.3E-07 ± 2.6E-08	µCi/mL	GE
0	Total activity	6.3E-03 ± 1.4E-04	µCi/mL	EM
1	Total radium	4.0E-09 ± 3.6E-09	µCi/mL	GE
2	Tritium	5.7E-03 ± 1.0E-05	µCi/mL	GE

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 — Time: 8:20
Depth to water: 18.07 ft (5.51 m) below TOC — pH: 7.9
Water elevation: 200.23 ft (61.03 m) msl — Alkalinity: 68 mg/L
Sp. conductance: 170 µS/cm — Water temperature: 16.3°C
Water evacuated before sampling: 106 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	50	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	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	18,500	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	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	933	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	350	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,880	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,440	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	61,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	5.2	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	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	1.8E-09 ± 2.6E-09	µCi/mL	GE
1	Tritium	1.6E-05 ± 1.6E-05	µCi/mL	GE

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 Time: 9:05
Depth to water: 17.51 ft (5.34 m) below TOC pH: 6.5
Water elevation: 201.09 ft (61.29 m) msl Alkalinity: 38 mg/L
Sp. conductance: 101 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
0	Specific conductance	125	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	60	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	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	31,000	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	<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	682	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	220	µg/L	GE
0	Potassium	657	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,250	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	103,000	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	6.2	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	4.1E-06 ± 3.0E-07	µCi/mL	GE

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91 Time: 13:25
Depth to water: 7.73 ft (2.36 m) below TOC pH: 7.7
Water elevation: 203.97 ft (62.17 m) msl Alkalinity: 84 mg/L
Sp. conductance: 219 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 146 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	170	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	90	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	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	40,200	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	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	661	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	3,000	µg/L	GE
0	Potassium	637	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,900	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	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	Total dissolved solids	148,000	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	<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
2	Tritium	1.9E-04 ± 2.0E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91 Time: 13:10
Depth to water: 5.43 ft (1.66 m) below TOC pH: 4.8
Water elevation: 206.67 ft (62.99 m) msl Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.6	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	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	1,460	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)	<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	83	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	697	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	340	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,760	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	811	µg/L	GE
0	Sulfate	2,330	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 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)	<100	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	3.7	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 HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 Time: 13:45
Depth to water: 18.13 ft (5.53 m) below TOC pH: 5.3
Water elevation: 222.37 ft (67.78 m) msl Alkalinity: 3 mg/L
Sp. conductance: 32 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 141 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.9	mg/L	GE
0	Aluminum	52	µg/L	GE
0	Antimony	2.4	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	732	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	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
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	285	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	50	µg/L	GE
0	Potassium	753	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	3,860	µg/L	GE
0	Sulfate	2,820	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	13	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	9.6	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 ± 2.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91
Depth to water: 18.69 ft (5.70 m) below TOC
Water elevation: 222.01 ft (67.67 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 41 gal

Time: 13:00
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.5	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	6.0	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	501	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	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	354	µg/L	GE
0	Manganese	9.1	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	680	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,050	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,920	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
1	Total organic halogens	32	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	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	<1.0E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91
Depth to water: 25.04 ft (7.63 m) below TOC
Water elevation: 230.56 ft (70.28 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 150 gal

Time: 12:15
pH: 5.7
Alkalinity: 8 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	40	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	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	3,210	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,950	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	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	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	448	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	<50	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,230	µg/L	GE
0	Sulfate	1,140	µg/L	GE
0	Sulfate	1,230	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	76,000	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	<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

ANALYTICAL RESULTS

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 Time: 13:20
Depth to water: 19.92 ft (6.07 m) below TOC pH: 5.4
Water elevation: 235.38 ft (71.74 m) msl Alkalinity: 9 mg/L
Sp. conductance: 68 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 80 gal

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/15/91 Time: 11:30
Depth to water: 20.35 ft (6.20 m) below TOC pH: 5.3
Water elevation: 234.95 ft (71.61 m) msl Alkalinity: 6 mg/L
Sp. conductance: 69 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	15	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	1,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	7,250	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	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	4.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	116	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Potassium	<500	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	11,500	µg/L	GE
0	Sulfate	11,400	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	88,000	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	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	1.1E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	2.6E-05 ± 7.0E-07	µCi/mL	GE

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 Time: 16:30
Depth to water: 15.67 ft (4.78 m) below TOC pH: 5.3
Water elevation: 222.73 ft (67.89 m) msl Alkalinity: 4 mg/L
Sp. conductance: 42 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 193 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.4	mg/L	GE
0	Aluminum	29	µg/L	GE
2	Antimony	6.4	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	Calcium	2,390	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,640	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	1,210	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	1,490	µg/L	GE
0	Potassium	717	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,180	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 dissolved solids	29,000	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic 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	2,4,5-TP (Silvex)	<0.090	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	7.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.5E-09	µCi/mL	GE
2	Tritium	4.1E-05 ± 9.0E-07	µCi/mL	GE

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91
Depth to water: 16.22 ft (4.94 m) below TOC
Water elevation: 221.88 ft (67.63 m) msl
Sp. conductance: 99 µS/cm
Water evacuated before sampling: 42 gal

Time: 12:50
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	7.6E-04 ± 2.3E-05	µCi/mL	EM

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91
Depth to water: 14.41 ft (4.39 m) below TOC
Water elevation: 223.69 ft (68.18 m) msl
Sp. conductance: 102 µS/cm
Water evacuated before sampling: 47 gal

Time: 16:05
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
1	Aluminum	195	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	281	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	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	5.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	708	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	<4.0	µg/L	GE
1	Nitrate as nitrogen	8,400	µg/L	GE
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	9,890	µg/L	GE
0	Sulfate	6,260	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	35,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	20	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	5.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	3.5E-07 ± 1.3E-08	µCi/mL	GE

WELL HSB134D collected on 07/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total activity	8.5E-04 ± 2.4E-05	µCi/mL	EM
2	Total radium	7.9E-09 ± 4.2E-09	µCi/mL	GE
2	Tritium	9.0E-04 ± 4.2E-06	µCi/mL	GE

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 25.21 ft (7.68 m) below TOC
Water elevation: 206.79 ft (63.03 m) msl
Sp. conductance: 205 µS/cm
Water evacuated before sampling: 156 gal

Time: 14:55
pH: 7.6
Alkalinity: 85 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.1	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	93	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	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	38,900	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	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	170	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	518	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	610	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	27,800	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	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	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	700	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	<1.0E-09	µCi/mL	GE
2	Tritium	3.9E-05 ± 9.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 14:35
Depth to water: 13.99 ft (4.26 m) below TOC pH: 4.9
Water elevation: 218.31 ft (66.54 m) msl Alkalinity: 0 mg/L
Sp. conductance: 59 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.2	mg/L	GE
0	Aluminum	41	µg/L	GE
0	Antimony	<2.0	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	Calcium	177	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	4.4	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	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	264	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	70	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,390	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,410	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	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	34,000	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)	<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	6.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-08 ± 3.4E-09	µCi/mL	GE
0	Total activity	1.9E-04 ± 3.3E-06	µCi/mL	EM
1	Total radium	3.2E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	1.6E-04 ± 1.7E-06	µCi/mL	GE

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91 Time: 15:10
Depth to water: 9.29 ft (2.83 m) below TOC pH: 5.9
Water elevation: 218.61 ft (66.63 m) msl Alkalinity: 9 mg/L
Sp. conductance: 437 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
1	Specific conductance	350	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	16	mg/L	GE
0	Aluminum	73	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	14,000	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	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	121	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	4,520	µg/L	GE
2	Manganese	76	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	47,000	µg/L	GE
0	Potassium	2,380	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	58,900	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 dissolved solids	294,000	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	16	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	2.5E-08 ± 3.9E-09	µCi/mL	GE
0	Total activity	1.1E-02 ± 7.9E-05	µCi/mL	EM
1	Total radium	3.8E-09 ± 2.3E-09	µCi/mL	GE
2	Tritium	1.2E-02 ± 1.5E-05	µCi/mL	GE

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91 Time: 13:35
Depth to water: 5.74 ft (1.75 m) below TOC pH: 3.9
Water elevation: 222.26 ft (67.75 m) msl Alkalinity: 0 mg/L
Sp. conductance: 303 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	GE
1	Specific conductance	285	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
2	Aluminum	3,410	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	91	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,480	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	8.3	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)	<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	388	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	1,020	µg/L	GE
2	Manganese	375	µg/L	GE
2	Mercury	3.1	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	15	µg/L	GE
2	Nitrate as nitrogen	31,000	µg/L	GE
0	Potassium	1,170	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	28,600	µg/L	GE
0	Sulfate	64,100	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	168,000	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	35	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	6.2E-07 ± 1.7E-08	µCi/mL	GE
0	Total activity	1.2E-02 ± 8.0E-05	µCi/mL	EM
2	Total radium	3.2E-08 ± 6.4E-09	µCi/mL	GE
2	Tritium	1.1E-02 ± 1.5E-05	µCi/mL	GE

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91 Time: 15:15
Depth to water: 14.98 ft (4.57 m) below TOC pH: 5.3
Water elevation: 221.02 ft (67.37 m) msl Alkalinity: 3 mg/L
Sp. conductance: 506 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 150 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
1	Specific conductance	400	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)	<1.0	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	<0.050	µg/L	GE
0	Alkalinity (as $CaCO_3$)	6.4	mg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	79	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	59	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	26,300	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	4,000	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	<0.10	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	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)	<1.0	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	<20	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

ANALYTICAL RESULTS

WELL HSB137C collected on 07/12/91, 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)	13	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	107	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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	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	Magnesium	4,860	µg/L	GE
2	Manganese	73	µg/L	GE
2	Mercury	4.5	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	<1.0	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	6.6	µg/L	GE
2	Nitrate as nitrogen	48,000	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	Parathion	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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

WELL HSB137C collected on 07/12/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	PCB 1254	<1.0	µg/L	GE
0	PCB 1260	<1.0	µg/L	GE
0	Pentachlorobenzene	<10	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	<0.10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	1,120	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	Selenium	<2.0	µg/L	GE
0	Silica	10,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	60,800	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	5,350	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	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	Thionazin	<10	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	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	11	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	1,2,4-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	42	µg/L	GE
0	Gross alpha	3.0E-09 ± 2.1E-09	µCi/mL	GE
1	Nonvolatile beta	4.0E-08 ± 5.6E-09	µCi/mL	GE
0	Total activity	1.2E-02 ± 8.3E-05	µCi/mL	EM
1	Total radium	3.1E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	1.1E-02 ± 1.5E-05	µCi/mL	GE

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 Time: 11:25
Depth to water: 14.50 ft (4.42 m) below TOC pH: 4.7
Water elevation: 222.10 ft (67.70 m) msl Alkalinity: 0 mg/L
Sp. conductance: 180 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	6.4E-03 ± 8.4E-05	µCi/mL	EM

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/12/91 Time: 13:00
Depth to water: 13.75 ft (4.19 m) below TOC pH: 4.6
Water elevation: 222.85 ft (67.93 m) msl Alkalinity: 0 mg/L
Sp. conductance: 129 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.1	mg/L	GE
0	Aluminum	81	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

WELL HSB137D collected on 07/12/91, 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	1,880	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	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)	1.9	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	< 100	µg/L	GE
0	Iron	6.7	µg/L	GE
0	Lead	4.4	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	1,610	µg/L	GE
2	Manganese	73	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	5,000	µg/L	GE
0	Potassium	566	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,120	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	18,600	µg/L	GE
0	Sulfate	2,500	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	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)	< 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	72	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	5.1E-03 ± 7.8E-05	µCi/mL	EM
2	Total radium	1.5E-08 ± 4.8E-09	µCi/mL	GE
2	Tritium	4.8E-03 ± 9.8E-06	µCi/mL	GE

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 10:55
Depth to water: 23.96 ft (7.31 m) below TOC — pH: 5.5
Water elevation: 228.42 ft (69.62 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 53 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	50	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	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	1,330	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,250	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

WELL HSB138D collected on 07/31/91, 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)	2.3	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	5.3	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	154	µg/L	GE
0	Manganese	3.3	µg/L	GE
0	Mercury	0.22	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	3,600	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,340	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	9,350	µg/L	GE
0	Sulfate	1,430	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	50,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 10	µg/L	LC
0	Total organic halogens	< 10	µg/L	LC
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	14	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 2.6E-09	µCi/mL	GE
0	Total activity	6.8E-04 ± 2.2E-05	µCi/mL	EM
1	Total radium	4.6E-09 ± 3.8E-09	µCi/mL	GE
2	Tritium	6.9E-04 ± 3.7E-06	µCi/mL	GE

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 — Time: 14:05
Depth to water: 59.73 ft (18.21 m) below TOC — pH: 8.0
Water elevation: 173.97 ft (53.03 m) msl — Alkalinity: 98 mg/L
Sp. conductance: 233 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 277 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
0	Specific conductance	175	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	105	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	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	42,100	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	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

ANALYTICAL RESULTS

WELL HSB139A collected on 07/30/91, 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	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	728	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	<50	µg/L	GE
0	Potassium	1,380	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	36,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,390	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	146,000	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	2.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91
Depth to water: 17.74 ft (5.41 m) below TOC
Water elevation: 218.08 ft (65.86 m) msl
Sp. conductance: 425 µS/cm
Water evacuated before sampling: 31 gal
The well went dry during purging

Time: 7:55
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
1	Specific conductance	310	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	10	mg/L	GE
0	Alkalinity (as $CaCO_3$)	10	mg/L	GE
1	Aluminum	119	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	19,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,520	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	4.2	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)	1.3	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

WELL HSB139C collected on 08/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	159	µg/L	GE
0	Fluoride	163	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	6,530	µg/L	GE
2	Manganese	238	µg/L	GE
1	Mercury	1.6	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	9.2	µg/L	GE
2	Nitrate as nitrogen	37,000	µg/L	GE
2	Nitrate as nitrogen	37,000	µg/L	GE
0	Potassium	1,690	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,260	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	44,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.6	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	317,000	µg/L	GE
0	Total dissolved solids	311,000	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)	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
0	Trichloroethylene	1.5	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	48	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	2.9E-08 ± 1.7E-08	µCi/mL	GE
0	Total activity	3.5E-03 ± 4.4E-05	µCi/mL	EM
1	Total radium	3.2E-09 ± 3.2E-06	µCi/mL	GE
2	Tritium	3.2E-03 ± 8.0E-06	µCi/mL	GE

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91
Depth to water: 9.93 ft (3.03 m) below TOC
Water elevation: 223.87 ft (68.24 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 49 gal

Time: 11:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.8°C

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 5.13 ft (1.56 m) below TOC
Water elevation: 228.67 ft (69.70 m) msl
Sp. conductance: 113 µS/cm
Water evacuated before sampling: 58 gal

Time: 9:25
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 23.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	13	mg/L	GE
0	Aluminum	43	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	7,590	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,350	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	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

WELL HSB139D collected on 07/31/91, 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	Fluoride	<100	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	1,840	µg/L	GE
2	Manganese	483	µg/L	GE
2	Manganese	507	µg/L	GE
0	Mercury	0.22	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,130	µg/L	GE
0	Potassium	2,380	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	5,990	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	84,000	µg/L	GE
0	Total dissolved solids	88,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
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	24	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 2.2E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 3.6E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL HSB140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 80.31 ft (18.38 m) below TOC
Water elevation: 175.58 ft (53.52 m) msl
Sp. conductance: 167 µS/cm
Water evacuated before sampling: 248 gal
Time: 14:25
pH: 7.0
Alkalinity: 53 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	130	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	65	mg/L	GE
0	Aluminum	33	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.7	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	24,800	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)	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	110	µg/L	GE

WELL HSB140A collected on 07/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	587	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	70	µg/L	GE
0	Phenols	6.0	µg/L	GE
0	Potassium	4,470	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	27,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,720	µg/L	GE
0	Sulfate	9,590	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 dissolved solids	117,000	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)	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	7.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.1E-09 ± 2.1E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 29.37 ft (8.95 m) below TOC
Water elevation: 208.23 ft (62.86 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 117 gal
Time: 14:05
pH: 5.5
Alkalinity: 3 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.0	mg/L	GE
0	Alkalinity (as $CaCO_3$)	6.4	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	9.8	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	1,780	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	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	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)	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	<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	336	µg/L	GE
0	Manganese	7.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL HSB140C collected on 07/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	590	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	528	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,620	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	Tetrachloroethylene	<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 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	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	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.7E-06 ± 3.0E-07	µCi/mL	GE

WELL HSB140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91 Time: 14:40
Depth to water: 21.07 ft (6.42 m) below TOC pH: 4.7
Water elevation: 215.13 ft (65.57 m) msl Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.3	mg/L	GE
0	Alkalinity (as $CaCO_3$)	2.3	mg/L	GE
0	Aluminum	44	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	416	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	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)	<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	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	429	µg/L	GE
0	Manganese	3.0	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	580	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL HSB140D collected on 07/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	5,350	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	928	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	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)	<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	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	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 6.0E-07	µCi/mL	GE

WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 Time: 15:15
Depth to water: 79.45 ft (24.22 m) below TOC
Water elevation: 175.15 ft (53.39 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 11:45
Depth to water: 79.19 ft (24.14 m) below TOC pH: 11.8
Water elevation: 175.41 ft (53.47 m) msl Alkalinity: 274 mg/L
Sp. conductance: 1257 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 311 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,000	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	223	mg/L	GE
2	Aluminum	3,300	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	98	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	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	4.8	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	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	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	163	µg/L	GE
0	Fluoride	185	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	6.5	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL HSB141A collected on 09/19/91, 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	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	7.7	µg/L	GE
0	Potassium	15,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,280	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,980	µg/L	GE
0	Sulfate	7,040	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 dissolved solids	255,000	µg/L	GE
0	Total dissolved solids	255,000	µg/L	GE
0	Total organic carbon	1,500	µg/L	GE
0	Total organic halogens	8.7	µg/L	GE
0	Total organic halogens	7.5	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	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	1.1E-08 ± 3.1E-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 HSB141C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: 23.17 ft (7.06 m) below TOC
Water elevation: 231.53 ft (70.57 m) msl
Sp. conductance: 686 µS/cm
Water evacuated before sampling: 46 gal
The well went dry during purging.

Time: 13:15
pH: 11.3
Alkalinity: 154 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	385	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	116	mg/L	GE
2	Aluminum	2,770	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	20,000	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	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	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	360	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	118	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	160	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	9,980	µg/L	GE

WELL HSB141C collected on 08/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	9,320	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,800	µg/L	GE
0	Sulfate	20,800	µg/L	GE
0	Sulfide	<1,000	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	168,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	300	µg/L	LC
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
2	Trichloroethylene	6.9	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	15	µg/L	GE
0	Zinc	8.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	2.1E-06 ± 2.0E-07	µCi/mL	GE

WELL HSB141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: 5.05 ft (1.54 m) below TOC
Water elevation: 249.75 ft (76.12 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 24 gal
The well went dry during purging.

Time: 13:35
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 19.7°C

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	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
0	Aluminum	80	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	351	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,740	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	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	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	243	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Mercury	0.55	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	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	6,080	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,010	µg/L	GE

ANALYTICAL RESULTS

WELL HSB141D collected on 08/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	1,500	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 dissolved solids	39,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	140	µg/L	LC
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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	6.9E-09 ± 5.0E-09	µCi/mL	GE
2	Tritium	2.1E-05 ± 6.0E-07	µCi/mL	GE

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91 Time: 10:05
Depth to water: 4.22 ft (1.29 m) below TOC pH: 5.2
Water elevation: 199.78 ft (60.89 m) msl Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	25	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	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	1,500	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	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	370	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	348	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	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	10,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,990	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	35,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL HSB142C collected on 08/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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
0	Total radium	1.7E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91 Time: 10:30
Depth to water: 4.68 ft (1.43 m) below TOC pH: 4.8
Water elevation: 199.52 ft (60.81 m) msl Alkalinity: 0 mg/L
Sp. conductance: 51 µS/cm Water temperature: 23.4°C
Water evacuated before sampling: 19 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.0	mg/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	1,180	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,550	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	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	85	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	554	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	100	µg/L	GE
0	Nitrate as nitrogen	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	Silica	9,610	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,490	µg/L	GE
0	Sulfate	8,740	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 dissolved solids	41,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	18	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

WELL HSB142D collected on 06/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	9.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.7E-04 ± 3.9E-08	µCi/mL	EM
2	Total radium	7.2E-09 ± 4.8E-09	µCi/mL	GE
2	Tritium	2.8E-04 ± 2.3E-06	µCi/mL	GE
2	Tritium	2.7E-04 ± 2.3E-06	µCi/mL	GE

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: 11.81 ft (3.60 m) below TOC
Water elevation: 210.39 ft (64.13 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 108 gal
Time: 8:50
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.0	mg/L	GE
0	Aluminum	22	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	1,240	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	<4.0	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	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	540	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	6,350	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,210	µg/L	GE
0	Sulfate	4,450	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 dissolved solids	28,000	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)	<100	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE

WELL HSB143C collected on 07/29/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Zinc	6.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.7E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91
Depth to water: 11.81 ft (3.60 m) below TOC
Water elevation: 210.39 ft (64.13 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 108 gal
Time: 8:50
pH: 5.4
Alkalinity: 3 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.0	mg/L	GE
0	Aluminum	25	µg/L	GE
0	Antimony	2.3	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	1,250	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	<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	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	231	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	450	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	6,440	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,250	µg/L	GE
0	Sulfate	2,610	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 dissolved solids	15,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 3.3E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/29/91 Time: 9:10
Depth to water: 8.33 ft (2.54 m) below TOC pH: 4.8
Water elevation: 214.57 ft (65.40 m) msl Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.0	mg/L	GE
0	Aluminum	35	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.7	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	703	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,760	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	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	4.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	352	µg/L	GE
0	Manganese	3.9	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	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	5,680	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	951	µg/L	GE
0	Sulfate	11,300	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 dissolved solids	4,000	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 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.8	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-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91 Time: 14:05
Depth to water: 64.92 ft (19.79 m) below TOC pH: 6.7
Water elevation: 170.88 ft (52.02 m) msl Alkalinity: 47 mg/L
Sp. conductance: 195 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 242 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	165	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	61	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	3.0	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	25,800	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	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	119	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	754	µg/L	GE
2	Manganese	62	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	5,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,590	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	24,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,500	µg/L	GE
0	Sulfate	7,200	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 dissolved solids	131,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	77	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
2	Trichloroethylene	13	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	1.7E-08 ± 4.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.7E-08 ± 4.0E-09	µCi/mL	GE
0	Total activity	3.1E-03 ± 4.2E-05	µCi/mL	EM
1	Total radium	2.5E-09 ± 1.9E-09	µCi/mL	GE
2	Tritium	2.9E-03 ± 7.6E-06	µCi/mL	GE

WELL HSB145C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 Time: 14:40
Depth to water: 21.40 ft (6.52 m) below TOC pH: 6.1
Water elevation: 214.30 ft (65.32 m) msl Alkalinity: 18 mg/L
Sp. conductance: 368 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 130 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
1	Specific conductance	380	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	34	mg/L	GE
0	Aluminum	30	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
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	28,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	7,700	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	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	5,980	µg/L	GE
2	Manganese	88	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	28,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,010	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	28,400	µg/L	GE
0	Sulfate	1,110	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	13	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	287,000	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)	<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	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	19	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.3E-09 ± 2.6E-09	µCi/mL	GE
0	Total activity	2.0E-03 ± 3.4E-05	µCi/mL	EM
1	Total radium	2.5E-09 ± 2.9E-09	µCi/mL	GE
2	Tritium	2.0E-03 ± 6.2E-06	µCi/mL	GE

WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 Time: 14:20
Depth to water: 13.53 ft (4.12 m) below TOC pH: 5.8
Water elevation: 222.67 ft (67.87 m) msl Alkalinity: 20 mg/L
Sp. conductance: 373 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 101 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
1	Specific conductance	350	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	26	mg/L	GE
1	Aluminum	142	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	159	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	2,300	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	Cobalt	13	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	161	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	2,940	µg/L	GE
2	Manganese	763	µg/L	GE
1	Mercury	1.4	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.0	µg/L	GE
2	Nitrate as nitrogen	31,500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	4,960	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,250	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	41,000	µg/L	GE
0	Sulfate	<2,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.5	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	274,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	257	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	17	µg/L	GE
0	Gross alpha	2.3E-09 ± 2.3E-09	µCi/mL	GE
2	Nonvolatile beta	9.9E-08 ± 7.1E-09	µCi/mL	GE
0	Total activity	2.9E-03 ± 4.0E-05	µCi/mL	EM
2	Total radium	2.0E-08 ± 6.4E-09	µCi/mL	GE
2	Tritium	2.6E-03 ± 7.3E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB146A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 75.67 ft (23.06 m) below TOC
Sp. conductance: 206 µS/cm
Water evacuated before sampling: 238 gal

Time: 11:25
pH: 7.3
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	90	mg/L	GE
0	Aluminum	35	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	37,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,980	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)	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
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	679	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	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,340	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	25,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,260	µg/L	GE
0	Sulfate	4,750	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 dissolved solids	15,000	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)	<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	Uranium	<1,000	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
0	Nonvolatile beta	2.0E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL HSB146C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 41.92 ft (12.78 m) below TOC
Water elevation: 210.38 ft (64.12 m) msl
Sp. conductance: 85 µS/cm
Water evacuated before sampling: 152 gal

Time: 11:40
pH: 8.4
Alkalinity: 24 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.3	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	30	mg/L	GE
2	Aluminum	266	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	6,250	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	<4.0	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	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	84	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	265	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	700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	5,290	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,110	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,240	µg/L	GE
0	Sulfate	2,540	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 dissolved solids	132,000	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)	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	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.1E-09 ± 2.9E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	3.0E-09 ± 3.9E-09	µCi/mL	GE
1	Total radium	3.5E-09 ± 4.1E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL HSB146D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 29.56 ft (9.01 m) below TOC
Water elevation: 223.54 ft (68.14 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 51 gal

Time: 12:00
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.0	mg/L	GE
0	Aluminum	39	µg/L	GE
0	Antimony	<2.0	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	900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,530	µg/L	GE
0	Chloride	1,510	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	<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)	6.0	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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	302	µg/L	GE
0	Manganese	23	µg/L	GE
0	Mercury	<0.40	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	6.5	µg/L	GE
0	Nitrate as nitrogen	530	µg/L	GE
0	Nitrate as nitrogen	540	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	5,540	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,220	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	Tetrachloroethylene	<1.0	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	<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	2,4,5-TP (Silvex)	<0.090	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	9.1	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
1	Tritium	1.9E-05 ± 6.0E-07	µCi/mL	GE

WELL HSB147D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: 31.84 ft (9.70 m) below TOC
Water elevation: 235.48 ft (71.77 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 12:26
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	25	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	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	887	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,840	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	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	26	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	572	µg/L	GE
0	Manganese	5.6	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	520	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	6,320	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	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 dissolved solids	22,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<30	µg/L	LC
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	1.1	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	30	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 ± 6.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB148C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 — Time: 14:20
Depth to water: 48.10 ft (14.66 m) below TOC — pH: 10.8
Water elevation: 202.80 ft (61.81 m) msl — Alkalinity: 51 mg/L
Sp. conductance: 270 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 26 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	235	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	72	mg/L	GE
2	Aluminum	1,270	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	1,700	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	4.7	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	227	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	71	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Mercury	0.27	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	6,580	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	9,390	µg/L	GE
0	Sulfate	4,390	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 dissolved solids	90,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<30	µg/L	LC
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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 2.3E-09	µCi/mL	GE
1	Total radium	4.2E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL HSB148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 — Time: 14:00
Depth to water: 35.01 ft (10.67 m) below TOC — pH: 10.0
Water elevation: 216.09 ft (65.87 m) msl — Alkalinity: 26 mg/L
Sp. conductance: 97 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	35	mg/L	GE
0	Alkalinity (as $CaCO_3$)	35	mg/L	GE
2	Aluminum	973	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	12,300	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	6.5	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)	<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	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	139	µg/L	GE
0	Manganese	4.3	µg/L	GE
0	Mercury	0.23	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	Phenols	<5.0	µg/L	GE
0	Potassium	3,780	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,690	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,420	µg/L	GE
0	Sulfate	4,240	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 dissolved solids	48,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	110	µg/L	LC
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	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.6E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.7E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 5.0E-07	µCi/mL	GE

WELL HSB149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/22/91
Depth to water: 14.33 ft (4.37 m) below TOC
Water elevation: 225.87 ft (68.79 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 49 gal

Time: 12:55
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.3	mg/L	GE
0	Alkalinity (as $CaCO_3$)	2.3	mg/L	GE
0	Aluminum	79	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.2	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	212	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	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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	298	µg/L	GE
0	Manganese	6.6	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	550	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,340	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	Sulfide	<1,000	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	1.3	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	15	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	2,4,5-TP (Silvex)	<0.090	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	3.2E-09 ± 1.9E-09	µCi/mL	GE
1	Total radium	4.1E-09 ± 3.7E-09	µCi/mL	GE
2	Tritium	5.6E-05 ± 1.0E-06	µCi/mL	GE

WELL HSB150D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/19/91
Depth to water: 8.21 ft (2.50 m) below TOC
Water elevation: 230.79 ft (70.35 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 63 gal

Time: 12:40
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.4	mg/L	GE
0	Aluminum	97	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	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	477	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	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)	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
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	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	338	µg/L	GE
0	Manganese	2.7	µg/L	GE
0	Mercury	<0.40	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
0	Selenium	<2.0	µg/L	GE
0	Silica	5,970	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,900	µg/L	GE
0	Sulfate	1,380	µg/L	GE
0	Sulfide	<1,000	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 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)	<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	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	2.2E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.6E-09	µCi/mL	GE
1	Tritium	1.6E-05 ± 6.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 2.54 ft (0.77 m) below TOC
Water elevation: 211.08 ft (64.33 m) msl
Sp. conductance: 79 µS/cm
Water evacuated before sampling: 106 gal

Time: 13:30
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.0	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	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	1,890	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	<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)	2.7	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	Ethylbenzene	<1.0	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	1,210	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	6,000	µg/L	GE
1	Nitrate as nitrogen	6,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,990	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,240	µg/L	GE
0	Sulfate	3,100	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 dissolved solids	72,000	µg/L	GE
0	Total dissolved solids	72,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	169	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	2.9E-08 ± 1.7E-08	µCi/mL	GE
0	Total activity	2.0E-03 ± 3.4E-05	µCi/mL	EM
1	Total radium	2.9E-09 ± 3.7E-09	µCi/mL	GE
2	Tritium	1.8E-03 ± 5.9E-06	µCi/mL	GE

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 3.00 ft (0.91 m) below TOC
Water elevation: 210.60 ft (64.19 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 34 gal

Time: 13:10
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	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	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	516	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,400	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	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)	<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	8.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	390	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	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	5,740	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,760	µg/L	GE
0	Sulfate	3,480	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 dissolved solids	21,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 1.8E-09	µCi/mL	GE
0	Total activity	1.2E-04 ± 2.8E-06	µCi/mL	EM
0	Total radium	2.4E-09 ± 3.6E-09	µCi/mL	GE
2	Tritium	1.0E-04 ± 1.4E-06	µCi/mL	GE

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 14:10
Depth to water: 13.72 ft (4.18 m) below TOC — pH: 4.8
Water elevation: 200.36 ft (61.06 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
0	Alkalinity (as $CaCO_3$)	3.0	mg/L	GE
0	Aluminum	80	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	[illegible]	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
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	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)	12	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	8.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,170	µg/L	GE
1	Manganese	41	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	7,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	624	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,690	µg/L	GE
0	Sulfate	1,080	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.5	µg/L	GE
0	Toluene	1.8	µg/L	GE
0	Total dissolved solids	75,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<30	µg/L	LC
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	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
1	Nonvolatile beta	3.4E-08 ± 4.3E-09	µCi/mL	GE
0	Total activity	1.2E-03 ± 2.8E-05	µCi/mL	EM
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	1.1E-03 ± 4.7E-06	µCi/mL	GE

WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91 — Time: 9:00
Depth to water: 4.87 ft (1.48 m) below TOC — pH: 4.7
Water elevation: 209.23 ft (63.77 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	40	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	55	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	1,940	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	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	53	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	825	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	6.0	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	623	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	4,120	µg/L	GE
0	Sulfate	12,400	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 dissolved solids	29,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	17	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	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	2.9E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	6.2E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	8.4E-06 ± 4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 35.36 ft (10.78 m) below TOC
Water elevation: 274.74 ft (83.74 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 26 gal
The well went dry during purging.

Time: 12:55
pH: 5.5
Alkalinity: 3 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Chloride	2,220	µg/L	GE
1	Lead	8.5	µg/L	GE
0	Nitrate as nitrogen	1,160	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Sodium	1,780	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
0	Total radium	1.0E-09 ± 2.4E-09	µCi/mL	GE

WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 30.34 ft (9.25 m) below TOC
Water elevation: 274.06 ft (83.53 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 104 gal

Time: 12:40
pH: 5.4
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	25	µS/cm	GE
0	Chloride	2,390	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Sodium	1,950	µg/L	GE
0	Total dissolved solids	45,000	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
2	Total radium	6.8E-09 ± 4.9E-09	µCi/mL	GE

WELL HSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 22.45 ft (6.84 m) below TOC
Water elevation: 287.35 ft (87.59 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 65 gal

Time: 12:00
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Chloride	3,300	µg/L	GE
2	Lead	32	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	Sodium	2,250	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
1	Total radium	4.8E-09 ± 3.6E-09	µCi/mL	GE

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 6.80 ft (2.07 m) below TOC
Water elevation: 275.20 ft (83.89 m) msl
Sp. conductance: 239 µS/cm
No water was evacuated before sampling.

Time: 9:50
pH: 6.6
Water temperature: 35.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	17	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
2	Lead	238	µg/L	GE
1	Mercury	1.5	µg/L	GE

WELL HTF 1 collected on 07/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	60	µg/L	GE
0	Sodium	5,590	µg/L	GE
0	Gross alpha	2.2E-09 ± 3.3E-09	µCi/mL	GE
1	Nonvolatile beta	2.6E-08 ± 9.9E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 3.6E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 3.3E-09	µCi/mL	GE
2	Tritium	2.3E-05 ± 7.0E-07	µCi/mL	GE
2	Tritium	2.6E-05 ± 7.0E-07	µCi/mL	GE

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 5.30 ft (1.62 m) below TOC
Water elevation: 276.50 ft (84.28 m) msl
Sp. conductance: 134 µS/cm
No water was evacuated before sampling.

Time: 10:30
pH: 7.0
Water temperature: 31.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	24	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
2	Lead	34	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Sodium	3,930	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 ± 3.8E-09	µCi/mL	GE
2	Tritium	2.4E-05 ± 7.0E-07	µCi/mL	GE

WELL HTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 3.50 ft (1.07 m) below TOC
Water elevation: 277.20 ft (84.49 m) msl
Sp. conductance: 213 µS/cm
No water was evacuated before sampling.

Time: 10:40
pH: 7.2
Water temperature: 32.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	30	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
2	Lead	227	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Sodium	10,800	µg/L	GE
0	Gross alpha	2.1E-09 ± 3.6E-09	µCi/mL	GE
2	Nonvolatile beta	5.2E-08 ± 1.2E-08	µCi/mL	GE
1	Total radium	3.0E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	2.1E-05 ± 6.0E-07	µCi/mL	GE

WELL HTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 6.40 ft (1.95 m) below TOC
Water elevation: 276.50 ft (84.28 m) msl
Sp. conductance: 158 µS/cm
No water was evacuated before sampling.

Time: 11:00
pH: 7.2
Water temperature: 28.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	43	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
2	Lead	214	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nitrate as nitrogen	< 50	µg/L	GE
0	Sodium	3,920	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 7.3E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	2.7E-05 ± 7.0E-07	µCi/mL	GE

WELL HTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
The well was dry.

Time: 10:10

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 10:10
The well was dry.

WELL HTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 Time: 10:00
Depth to water: 27.50 ft (8.38 m) below TOC pH: 5.1
Water elevation: 277.60 ft (84.67 m) msl
Sp. conductance: 120 µS/cm Water temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Barium	87	µg/L	GE
2	Cadmium	28	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Lead	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	930	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,760	µg/L	GE
0	Gross alpha	5.3E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 4.0E-09	µCi/mL	GE
2	Total radium	1.3E-08 ± 5.3E-09	µCi/mL	GE
0	Tritium	8.0E-06 ± 4.0E-07	µCi/mL	GE

WELL HTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 10:15
The well was dry.

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 10:50
Depth to water: 49.20 ft (15.00 m) below TOC pH: 6.2
Water elevation: 274.80 ft (83.76 m) msl
Sp. conductance: 84 µS/cm Water temperature: 30.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	3.1	µg/L	GE
0	Chromium	8.0	µg/L	GE
0	Lead	5.5	µg/L	GE
1	Mercury	1.3	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Sodium	5,660	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	2.3E-09 ± 2.3E-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	2.1E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	7.5E-05 ± 1.2E-06	µCi/mL	GE

WELL HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 10:35
Depth to water: 47.40 ft (14.45 m) below TOC pH: 6.3
Water elevation: 275.30 ft (83.91 m) msl
Sp. conductance: 160 µS/cm Water temperature: 29.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	13	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Sodium	5,200	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 ± 2.7E-09	µCi/mL	GE

WELL HTF 10 collected on 07/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Tritium	7.2E-05 ± 1.2E-06	µCi/mL	GE

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 10:20
Depth to water: 47.50 ft (14.48 m) below TOC pH: 6.9
Water elevation: 275.30 ft (83.91 m) msl
Sp. conductance: 28 µS/cm Water temperature: 28.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Cadmium	8.3	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	5.7	µg/L	GE
0	Mercury	0.46	µg/L	GE
0	Nitrate as nitrogen	170	µg/L	GE
0	Sodium	6,240	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 ± 2.7E-09	µCi/mL	GE
2	Tritium	8.5E-05 ± 1.3E-06	µCi/mL	GE

WELL HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 12:10
Depth to water: 48.50 ft (14.78 m) below TOC pH: 6.6
Water elevation: 274.40 ft (83.64 m) msl
Sp. conductance: 63 µS/cm Water temperature: 32.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	14	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	0.30	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Sodium	4,940	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
2	Tritium	1.8E-04 ± 1.8E-06	µCi/mL	GE

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 12:30
Depth to water: 49.00 ft (14.94 m) below TOC pH: 6.8
Water elevation: 275.40 ft (83.94 m) msl
Sp. conductance: 83 µS/cm Water temperature: 31.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	14	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Lead	176	µg/L	GE
1	Mercury	1.1	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Sodium	4,750	µg/L	GE
1	Gross alpha	6.6E-09 ± 3.3E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 3.3E-09	µCi/mL	GE
2	Total radium	1.9E-08 ± 6.3E-09	µCi/mL	GE
2	Tritium	4.1E-05 ± 9.0E-07	µCi/mL	GE

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: Not available
The well was dry.

ANALYTICAL RESULTS

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 — Time: 12:50
Depth to water: 47.50 ft (14.48 m) below TOC — pH: 5.3
Water elevation: 275.00 ft (83.82 m) msl
Sp. conductance: 64 µS/cm — Water temperature: 30.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	49	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Lead	38	µg/L	GE
0	Mercury	0.53	µg/L	GE
0	Nitrate as nitrogen	2,100	µg/L	GE
0	Sodium	7,040	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.4E-09 ± 2.1E-09	µCi/mL	GE
2	Total radium	6.5E-09 ± 4.8E-09	µCi/mL	GE
2	Total radium	7.4E-09 ± 5.2E-09	µCi/mL	GE
2	Tritium	3.8E-05 ± 9.0E-07	µCi/mL	GE
2	Tritium	3.7E-05 ± 9.0E-07	µCi/mL	GE

WELL HTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 — Time: 13:30
Depth to water: 29.00 ft (8.84 m) below TOC — pH: 4.2
Water elevation: 271.30 ft (82.69 m) msl
Sp. conductance: 90 µS/cm — Water temperature: 26.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	13	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Lead	9.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,500	µg/L	GE
0	Nitrate as nitrogen	2,500	µg/L	GE
0	Sodium	3,410	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 ± 4.2E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 — Time: 9:20
Depth to water: 26.50 ft (8.08 m) below TOC — pH: 5.4
Water elevation: 263.70 ft (80.38 m) msl
Sp. conductance: 53 µS/cm — Water temperature: 26.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Cadmium	5.6	µg/L	GE
0	Chromium	7.4	µg/L	GE
2	Lead	30	µg/L	GE
1	Mercury	1.2	µg/L	GE
0	Nitrate as nitrogen	3,200	µg/L	GE
0	Sodium	2,880	µg/L	GE
0	Gross alpha	2.6E-09 ± 1.8E-09	µCi/mL	GE
0	Nonvolatile beta	9.1E-09 ± 2.7E-09	µCi/mL	GE
2	Total radium	6.5E-09 ± 2.3E-09	µCi/mL	GE
2	Tritium	3.9E-05 ± 9.0E-07	µCi/mL	GE

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 — Time: 13:10
Depth to water: 51.60 ft (15.73 m) below TOC — pH: 4.7
Water elevation: 272.10 ft (82.94 m) msl
Sp. conductance: 62 µS/cm — Water temperature: 28.4°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Lead	14	µg/L	GE
0	Mercury	0.53	µg/L	GE

WELL HTF 18 collected on 07/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,290	µg/L	GE
0	Sodium	5,020	µg/L	GE
0	Gross alpha	5.9E-09 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	7.2E-09 ± 2.6E-09	µCi/mL	GE
2	Total radium	5.7E-09 ± 2.2E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 5.0E-07	µCi/mL	GE

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 — Time: 13:50
Depth to water: 54.00 ft (16.46 m) below TOC — pH: 5.1
Water elevation: 270.80 ft (82.54 m) msl
Sp. conductance: 38 µS/cm — Water temperature: 30.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Lead	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Sodium	2,320	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.0E-09	µCi/mL	GE
1	Total radium	3.8E-09 ± 1.8E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 — Time: 14:10
Depth to water: 54.80 ft (16.70 m) below TOC — pH: 4.8
Water elevation: 270.10 ft (82.33 m) msl
Sp. conductance: 49 µS/cm — Water temperature: 32.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
2	Lead	23	µg/L	GE
1	Mercury	1.1	µg/L	GE
0	Nitrate as nitrogen	2,100	µg/L	GE
0	Sodium	3,820	µg/L	GE
0	Gross alpha	3.6E-09 ± 2.8E-09	µCi/mL	GE
0	Gross alpha	4.3E-09 ± 3.1E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	5.5E-09 ± 2.2E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 — Time: 13:30
Depth to water: 50.80 ft (15.48 m) below TOC — pH: 4.7
Water elevation: 273.90 ft (83.49 m) msl
Sp. conductance: 52 µS/cm — Water temperature: 30.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	3.8	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	4.2	µg/L	GE
1	Mercury	1.4	µg/L	GE
0	Nitrate as nitrogen	1,940	µg/L	GE
0	Sodium	4,520	µg/L	GE
0	Gross alpha	2.5E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 2.9E-09	µCi/mL	GE
1	Total radium	4.4E-09 ± 2.0E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 — Time: 10:30
Depth to water: 58.20 ft (17.13 m) below TOC — pH: 6.6
Water elevation: 277.30 ft (84.52 m) msl
Sp. conductance: 266 µS/cm — Water temperature: 29.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	8.5	µg/L	GE
0	Lead	4.8	µg/L	GE
0	Mercury	0.23	µg/L	GE
0	Nitrate as nitrogen	620	µg/L	GE
0	Sodium	5,320	µg/L	GE
0	Gross alpha	4.8E-09 ± 2.3E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 2.8E-09	µCi/mL	GE
2	Total radium	1.3E-08 ± 3.2E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 1.1E-06	µCi/mL	GE

WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 — Time: 10:10
Depth to water: 57.80 ft (17.62 m) below TOC — pH: 6.3
Water elevation: 276.20 ft (84.19 m) msl
Sp. conductance: 143 µS/cm — Water temperature: 29.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	5.3	µg/L	GE
0	Mercury	0.34	µg/L	GE
0	Nitrate as nitrogen	1,270	µg/L	GE
0	Sodium	5,090	µg/L	GE
0	Gross alpha	6.1E-09 ± 2.2E-09	µCi/mL	GE
0	Nonvolatile beta	8.1E-09 ± 2.4E-09	µCi/mL	GE
2	Total radium	1.0E-08 ± 2.9E-09	µCi/mL	GE
2	Tritium	2.5E-05 ± 7.0E-07	µCi/mL	GE

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 — Time: 10:00
Depth to water: 58.00 ft (17.68 m) below TOC — pH: 5.4
Water elevation: 275.90 ft (84.10 m) msl
Sp. conductance: 45 µS/cm — Water temperature: 28.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Lead	14	µg/L	GE
1	Mercury	1.1	µg/L	GE
0	Nitrate as nitrogen	1,810	µg/L	GE
0	Nitrate as nitrogen	1,790	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 1.8E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 2.1E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 2.1E-09	µCi/mL	GE
2	Tritium	2.5E-05 ± 7.0E-07	µCi/mL	GE
2	Tritium	2.5E-05 ± 7.0E-07	µCi/mL	GE

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 — Time: 9:50
Depth to water: 58.00 ft (17.96 m) below TOC — pH: 5.6
Water elevation: 275.30 ft (83.91 m) msl
Sp. conductance: 43 µS/cm — Water temperature: 28.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL HTF 25 collected on 07/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	850	µg/L	GE
0	Sodium	3,340	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 1.6E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 2.1E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 — Time: 11:10
Depth to water: 60.00 ft (18.29 m) below TOC — pH: 5.6
Water elevation: 275.50 ft (83.97 m) msl
Sp. conductance: 65 µS/cm — Water temperature: 28.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,820	µg/L	GE
0	Sodium	2,080	µg/L	GE
1	Gross alpha	8.2E-09 ± 2.6E-09	µCi/mL	GE
0	Nonvolatile beta	1.9E-08 ± 3.3E-09	µCi/mL	GE
2	Total radium	1.3E-08 ± 3.2E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 5.0E-07	µCi/mL	GE

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 — Time: 11:30
Depth to water: 54.70 ft (16.67 m) below TOC — pH: 4.3
Water elevation: 278.40 ft (84.86 m) msl
Sp. conductance: 125 µS/cm — Water temperature: 28.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	0.26	µg/L	GE
2	Nitrate as nitrogen	36,000	µg/L	GE
2	Nitrate as nitrogen	36,000	µg/L	GE
0	Sodium	7,060	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.6E-09 ± 2.3E-09	µCi/mL	GE
1	Total radium	3.1E-09 ± 1.8E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 — Time: 10:50
Depth to water: 56.50 ft (17.22 m) below TOC — pH: 5.1
Water elevation: 277.20 ft (84.49 m) msl
Sp. conductance: 37 µS/cm — Water temperature: 26.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	GE
0	Sodium	2,970	µg/L	GE
0	Gross alpha	2.7E-09 ± 1.4E-09	µCi/mL	GE
0	Nonvolatile beta	4.4E-09 ± 1.9E-09	µCi/mL	GE
1	Total radium	3.9E-09 ± 2.0E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 Time: 10:40
Depth to water: 56.00 ft (17.07 m) below TOC pH: 5.9
Water elevation: 277.50 ft (84.58 m) msl
Sp. conductance: 77 µS/cm Water temperature: 26.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	7.3	µg/L	GE
0	Mercury	0.60	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	GE
0	Sodium	4,390	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 1.8E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 1.7E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 14:50
Depth to water: 51.00 ft (15.54 m) below TOC pH: 6.2
Water elevation: 276.70 ft (84.34 m) msl
Sp. conductance: 53 µS/cm Water temperature: 29.9°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	2.5	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	0.29	µg/L	GE
0	Nitrate as nitrogen	2,400	µg/L	GE
0	Sodium	5,060	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	2.0E-09 ± 1.6E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 14:30
Depth to water: 53.50 ft (16.31 m) below TOC pH: 5.9
Water elevation: 275.60 ft (84.00 m) msl
Sp. conductance: 44 µS/cm Water temperature: 29.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	2.2	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Mercury	0.67	µg/L	GE
0	Nitrate as nitrogen	2,100	µg/L	GE
0	Nitrate as nitrogen	2,000	µg/L	GE
0	Sodium	4,770	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 ± 1.7E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 10:15
The well was dry

WELL HWS 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91 Time: 9:20
Depth to water: 81.13 ft (24.73 m) below TOC pH: 5.0
Water elevation: 243.47 ft (74.21 m) msl Alkalinity: 3 mg/L
Sp. conductance: 18 µS/cm Water temperature: 22.5°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	94	µg/L	GE
0	Manganese	10	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL HWS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 Time: 15:30
Depth to water: 79.21 ft (24.14 m) below TOC pH: 4.4
Water elevation: 243.99 ft (74.37 m) msl Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm Water temperature: 23.8°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	7.5	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL HXB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 Time: 14:00
Depth to water: 54.39 ft (16.58 m) below TOC pH: 4.7
Water elevation: 251.81 ft (76.75 m) msl Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm Water temperature: 25.2°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	28	µg/L	GE
0	Manganese	2.6	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL HXB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 Time: 13:30
Depth to water: 52.06 ft (15.87 m) below TOC pH: 4.9
Water elevation: 252.34 ft (76.91 m) msl Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm Water temperature: 24.1°C
Water evacuated before sampling: 108 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	89	µg/L	GE
0	Manganese	2.2	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL HXB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 52.15 ft (15.90 m) below TOC
Water elevation: 252.05 ft (76.83 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 104 gal
Time: 12:50
pH: 4.8
Alkalinity: 2 mg/L
Water temperature: 24.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	24	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.9E-09	µCi/mL	GE

WELL HXB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 54.64 ft (16.65 m) below TOC
Water elevation: 252.36 ft (76.92 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 8:15
pH: 6.3
Alkalinity: 30 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	655	µg/L	GE
0	Chloride	2,640	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	117	µg/L	GE
0	Iron	62	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	144	µg/L	GE
0	Manganese	9.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,280	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	10,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,970	µg/L	GE
0	Sulfate	7,500	µg/L	GE
0	Total dissolved solids	54,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	2,510	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	5.1E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	7.9E-06 ± 4.0E-07	µCi/mL	GE

WELL HXB 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 56.39 ft (17.19 m) below TOC
Water elevation: 252.41 ft (76.94 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 8:35
pH: 6.2
Alkalinity: 21 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	60	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	3,970	µg/L	GE
0	Chloride	3,050	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	108	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	351	µg/L	GE
2	Manganese	59	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	880	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	568	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,400	µg/L	GE

WELL HXB 5D collected on 08/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	5,520	µg/L	GE
0	Sulfate	2,910	µg/L	GE
0	Total dissolved solids	54,000	µg/L	GE
0	Total dissolved solids	54,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,010	µg/L	GE
0	Total phosphates (as P)	<100	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	1.4E-04 ± 1.6E-06	µCi/mL	GE

WELL IDB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 106.79 ft (32.55 m) below TOC
Water elevation: 190.01 ft (57.92 m) msl
Sp. conductance: 1199 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.
Time: 11:05
pH: 11.8
Alkalinity: 297 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,200	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	284	mg/L	GE
2	Aluminum	4,380	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	138	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	117,000	µg/L	GE
0	Chloride	1,840	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	174	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	<4.0	µg/L	GE
0	Manganese	<4.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<8.0	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	1,530	µg/L	GE
0	Silica	6,790	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,850	µg/L	GE
0	Sulfate	14,900	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	336,000	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	<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 IDB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 111.22 ft (33.90 m) below TOC
Water elevation: 186.08 ft (56.72 m) msl
Sp. conductance: 136 µS/cm
Water evacuated before sampling: 24 gal
The well went dry during purging.
Time: 11:15
pH: 10.3
Alkalinity: 40 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	47	mg/L	GE
1	Aluminum	139	µg/L	GE
1	Antimony	3.5	µg/L	GE
0	Barium	46	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	2,010	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 IDB 1B collected on 09/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iodine	255	µg/L	GE
0	Iron	8.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	125	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	6,650	µg/L	GE
0	Silica	32,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,620	µg/L	GE
0	Sulfate	8,670	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	100,000	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)	<100	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	6.1E-09 ± 2.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 14:50
Depth to water: 49.65 ft (15.13 m) below TOC — pH: 5.2
Water elevation: 247.55 ft (75.45 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 135 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.7	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	783	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	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	106	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	4.3	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	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	7,830	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,360	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total inorganic carbon	2,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL IDB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 15:15
Depth to water: 114.81 ft (34.99 m) below TOC — pH: 6.1
Water elevation: 189.49 ft (57.76 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 52 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 631 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	9.5	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	6,310	µg/L	GE
0	Chloride	1,530	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	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
2	Iron	995	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	217	µg/L	GE
1	Manganese	27	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.5	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	817	µg/L	GE
0	Silica	12,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,250	µg/L	GE
0	Sulfate	9,920	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
0	Total inorganic carbon	3,000	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	<10	µg/L	GE
0	Zinc	22	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 2.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 15:00
Depth to water: 127.68 ft (38.92 m) below TOC — pH: 11.5
Water elevation: 176.02 ft (54.26 m) msl — Alkalinity: 159 mg/L
Sp. conductance: 873 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 163 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	600	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	153	mg/L	GE
2	Aluminum	1,150	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	61,700	µg/L	GE
0	Chloride	1,700	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	153	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	15	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	97	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,930	µg/L	GE
0	Silica	12,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,480	µg/L	GE
0	Sulfate	15,300	µg/L	GE
0	Total carbon	2,000	µg/L	GE

WELL IDB 2B collected on 09/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	188,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	19	µg/L	GE
0	Zinc	3.4	µg/L	GE
0	Gross alpha	3.1E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 65.07 ft (19.83 m) below TOC
Water elevation: 241.33 ft (73.56 m) msl
Sp. conductance: 273 µS/cm
Water evacuated before sampling: 111 gal
Time: 15:25
pH: 11.0
Alkalinity: 88 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	22	mg/L	GE
2	Aluminum	242	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	27,400	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	378	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	500	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,080	µg/L	GE
0	Silica	10,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,480	µg/L	GE
0	Sulfate	2,300	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	38,000	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)	<100	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 IDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 82.89 ft (25.27 m) below TOC
Water elevation: 242.01 ft (73.77 m) msl
Sp. conductance: 981 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.
Time: 13:20
pH: 11.7
Alkalinity: 224 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	900	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	203	mg/L	GE
1	Aluminum	191	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	420	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	69,100	µg/L	GE
0	Chloride	1,970	µg/L	GE
1	Chromium	77	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

WELL IDB 3 collected on 09/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Lead	78	µg/L	GE
0	Magnesium	21	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	240	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	13	µg/L	GE
0	Phenols	13	µg/L	GE
0	Potassium	6,270	µg/L	GE
0	Silica	10,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	20,900	µg/L	GE
0	Sulfate	8,940	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	238,000	µg/L	GE
0	Total dissolved solids	242,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total phosphates (as P)	<100	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	5.5E-09 ± 2.3E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL IDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 61.18 ft (18.65 m) below TOC
Water elevation: 255.42 ft (77.85 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 42 gal
Time: 15:40
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.7	mg/L	GE
0	Alkalinity (as $CaCO_3$)	4.4	mg/L	GE
0	Aluminum	41	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	1,660	µg/L	GE
0	Chloride	1,170	µg/L	GE
0	Chloride	1,130	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	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	168	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Nitrate as nitrogen	480	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	6,530	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,210	µg/L	GE
0	Sulfate	3,030	µg/L	GE
0	Sulfate	2,840	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	50,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 1.9E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL IDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 69.79 ft (21.27 m) below TOC
Water elevation: 252.11 ft (76.84 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 13:05
pH: 5.8
Alkalinity: 3 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.8	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	813	µg/L	GE
0	Chloride	2,300	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	336	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	5.8	µg/L	GE
0	Magnesium	333	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	5.3	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	1,150	µg/L	GE
0	Silica	6,090	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,680	µg/L	GE
0	Sulfate	2,370	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	35,000	µg/L	GE
0	Total inorganic carbon	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	69	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	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL IDB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 57.78 ft (17.61 m) below TOC
Water elevation: 261.22 ft (79.62 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 54 gal

Time: 10:45
pH: 5.8
Alkalinity: 4 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.9	mg/L	GE
0	Alkalinity (as $CaCO_3$)	4.4	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	7.6	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	441	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	4.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	156	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	640	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	796	µg/L	GE
0	Silica	5,990	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,810	µg/L	GE
0	Sulfate	1,100	µg/L	GE

WELL IDB 6 collected on 09/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	34,000	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)	<100	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	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL IDB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 57.78 ft (17.61 m) below TOC
Water elevation: 261.22 ft (79.62 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 54 gal

Time: 10:45
pH: 5.8
Alkalinity: 4 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.8	mg/L	GE
0	Aluminum	83	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	7.9	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	442	µg/L	GE
0	Chloride	1,580	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	421	µg/L	GE
0	Iodine	408	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	167	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	670	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	847	µg/L	GE
0	Silica	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,950	µg/L	GE
0	Sulfate	1,110	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	32,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 1.9E-09	µCi/mL	GE
0	Tritium	3.4E-06 ± 3.0E-07	µCi/mL	GE

WELL IDB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 48.19 ft (14.69 m) below TOC
Water elevation: 265.21 ft (80.84 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 62 gal

Time: 10:25
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
1	Aluminum	106	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	50	µg/L	GE
0	Chloride	3,750	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	<100	µg/L	GE

WELL IDB 7 collected on 09/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iodine	<100	µg/L	GE
0	Iron	7.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	470	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	1,280	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	5,620	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,180	µg/L	GE
0	Sulfate	3,400	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total inorganic carbon	3,000	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	<10	µg/L	GE
0	Zinc	3.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 1.9E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

WELL IDB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 47.75 ft (14.55 m) below TOC
Water elevation: 245.35 ft (74.78 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 42 gal

Time: 11:45
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.2	mg/L	GE
0	Aluminum	27	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	5.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	315	µg/L	GE
0	Chloride	1,070	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	<100	µg/L	GE
0	Iron	29	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	339	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	880	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	5,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,540	µg/L	GE
0	Sulfate	3,200	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
0	Total inorganic carbon	3,000	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	<10	µg/L	GE
0	Zinc	10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE

WELL IDB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 44.53 ft (13.57 m) below TOC
Water elevation: 243.77 ft (74.30 m) msl
Sp. conductance: 132 µS/cm
Water evacuated before sampling: 111 gal

Time: 12:50
pH: 8.5
Alkalinity: 41 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.5	pH	GE
0	Specific conductance	115	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	55	mg/L	GE
0	Alkalinity (as $CaCO_3$)	55	mg/L	GE
0	Aluminum	62	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	16,700	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	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	588	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	570	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,110	µg/L	GE
0	Silica	5,780	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,890	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
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)	<100	µg/L	GE
0	Total phosphates (as P)	<100	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	3.2E-09 ± 2.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 33.72 ft (10.28 m) below TOC
Water elevation: 262.08 ft (79.88 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 121 gal

Time: 16:25
pH: 5.7
Alkalinity: 5 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.8	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	1,940	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	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	531	µg/L	GE
0	Manganese	3.4	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	2,290	µg/L	GE
0	Silica	6,210	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,910	µg/L	GE

ANALYTICAL RESULTS

WELL IDB 10 collected on 09/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.1E-09	µCi/mL	GE
0	Tritium	4.1E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 77.93 ft (23.75 m) below TOC
Water elevation: 203.07 ft (61.90 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 64 gal
Time: 10:15
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.7	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	3,040	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	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	865	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	3,200	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	7.2	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	6,930	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,790	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	51,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.9	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 2.0E-07	µCi/mL	GE

WELL IDP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 61.59 ft (18.77 m) below TOC
Water elevation: 196.31 ft (59.84 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 56 gal
Time: 11:00
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.9	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	1,160	µg/L	GE
0	Chloride	1,410	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 IDP 2 collected on 09/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	445	µg/L	GE
0	Manganese	6.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,010	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	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,250	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total dissolved solids	26,000	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)	<100	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	3.0E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 116.88 ft (35.63 m) below TOC
Water elevation: 167.12 ft (50.94 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 664 gal
Time: 8:15
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.6	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	3,790	µg/L	GE
0	Chloride	1,900	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
2	Iron	1,130	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	358	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	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	663	µg/L	GE
0	Silica	12,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,310	µg/L	GE
0	Sulfate	9,120	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	37,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.7	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	Tritium	<7.0E-07	µCi/mL	GE

WELL IDP 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 8:25
Depth to water: 127.58 ft (38.89 m) below TOC — pH: 11.2
Water elevation: 158.92 ft (47.83 m) msl — Alkalinity: 125 mg/L
Sp. conductance: 456 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
1	Specific conductance	410	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	114	mg/L	GE
2	Aluminum	455	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	46	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	40,400	µg/L	GE
0	Chloride	1,500	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	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	75	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	320	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	5,820	µg/L	GE
0	Silica	15,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,200	µg/L	GE
0	Sulfate	4,440	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	147,000	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)	<100	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 ± 2.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 8:40
Depth to water: 55.12 ft (16.80 m) below TOC — pH: 11.1
Water elevation: 229.88 ft (70.07 m) msl — Alkalinity: 128 mg/L
Sp. conductance: 380 µS/cm — Water temperature: 21.4°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 $CaCO_3$)	81	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	68	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,740	µg/L	GE
0	Chloride	1,380	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	175	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	850	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	27,700	µg/L	GE
0	Silica	9,890	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	1,000	µg/L	GE
0	Total dissolved solids	100,000	µg/L	GE

WELL IDP 3C collected on 09/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<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-08 ± 3.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 8:50
The well was dry.

WELL IDP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91 — Time: 7:50
Depth to water: 49.16 ft (14.98 m) below TOC — pH: 5.4
Water elevation: 191.64 ft (58.41 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	30	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	4.1	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,030	µg/L	GE
0	Chloride	3,520	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	Fluoride	<100	µg/L	GE
0	Iodine	171	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	281	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	70	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	8,220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,390	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	7,000	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	2,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	29	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 1.9E-09	µCi/mL	GE
0	Tritium	4.5E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 12:15
Depth to water: 55.64 ft (16.96 m) below TOC — pH: 5.9
Water elevation: 198.06 ft (60.37 m) msl — Alkalinity: 17 mg/L
Sp. conductance: 60 µS/cm — Water temperature: 23.3°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	16	mg/L	GE
0	Aluminum	35	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Beryllium	<5.0	µg/L	GE

ANALYTICAL RESULTS

WELL IDP 5 collected on 09/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,030	µg/L	GE
0	Chloride	3,520	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	27	µg/L	GE
0	Lead	5.3	µg/L	GE
0	Magnesium	756	µg/L	GE
0	Manganese	8.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	758	µg/L	GE
0	Silica	7,750	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,560	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	40,000	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)	<100	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	<2.0E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

WELL IDP 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 61.22 ft (18.66 m) below TOC
Water elevation: 200.28 ft (61.05 m) msl
Sp. conductance: 69 µS/cm
Water evacuated before sampling: 40 gal

Time: 10:35
pH: 5.5
Alkalinity: 6 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	55	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	13	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,700	µg/L	GE
0	Chloride	2,980	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	29	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,240	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	3,220	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	834	µg/L	GE
0	Silica	7,090	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,080	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
0	Total inorganic carbon	3,110	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	<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	Tritium	2.1E-06 ± 2.0E-07	µCi/mL	GE

WELL IDP 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 48.13 ft (14.67 m) below TOC
Water elevation: 200.37 ft (61.07 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 32 gal

Time: 11:50
pH: 6.3
Alkalinity: 22 mg/L
Water temperature: 24.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	50	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	18	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,090	µg/L	GE
0	Chloride	1,270	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	11	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<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	611	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	Nitrate as nitrogen	1,890	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	6,870	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,710	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	42,000	µg/L	GE
1	Total inorganic carbon	6,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	130	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	2.1E-06 ± 2.0E-07	µCi/mL	GE

WELL IDP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 63.60 ft (19.39 m) below TOC
Water elevation: 200.80 ft (61.20 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 40 gal

Time: 11:30
pH: 5.6
Alkalinity: 3 mg/L
Water temperature: 23.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.6	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	1,810	µg/L	GE
0	Chloride	2,090	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	66	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	467	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	370	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	6,880	µg/L	GE

WELL IDP 8 collected on 09/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	1,620	µg/L	GE
0	Sulfate	1,080	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	37	µg/L	GE
0	Gross alpha	<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

WELL IDP 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 8:40
Depth to water: 67.04 ft (20.43 m) below TOC — pH: 5.9
Water elevation: 204.86 ft (62.44 m) msl — Alkalinity: 17 mg/L
Sp. conductance: 52 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: <4 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	17	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	7.5	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,880	µg/L	GE
0	Chloride	1,330	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	5.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	311	µg/L	GE
0	Manganese	2.7	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	1,480	µg/L	GE
0	Silica	6,940	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,770	µg/L	GE
0	Sulfate	1,560	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	32,000	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)	<100	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 ± 1.6E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE

WELL IDP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 9:00
The well was dry.

WELL IDQ 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 13:25
The well was dry.

WELL IDQ 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91 — Time: 8:20
Depth to water: 97.53 ft (29.73 m) below TOC — pH: 4.7
Water elevation: 165.67 ft (50.50 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 33 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.4	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	646	µg/L	GE
0	Chloride	2,220	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	424	µg/L	GE
0	Iron	38	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	303	µg/L	GE
0	Manganese	5.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	760	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	8,090	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	9,000	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total inorganic carbon	3,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total phosphates (as P)	2,300	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	<2.0E-09	µCi/mL	GE
0	Tritium	3.4E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91 — Time: 8:00
Depth to water: 40.00 ft (12.19 m) below TOC — pH: 5.5
Water elevation: 165.30 ft (50.38 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 928 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	6.8	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	4,200	µg/L	GE
0	Chloride	1,780	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	600	µg/L	GE
0	Iodine	<100	µg/L	GE
2	Iron	1,900	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	375	µg/L	GE
0	Manganese	16	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	12,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,170	µg/L	GE
0	Sulfate	11,200	µg/L	GE
1	Total carbon	6,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE

ANALYTICAL RESULTS

WELL IDQ 3A collected on 09/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	35,000	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)	<100	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	3.7E-09 ± 4.1E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDQ 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 65.13 ft (19.85 m) below TOC
Water elevation: 140.47 ft (42.82 m) msl
Sp. conductance: 177 µS/cm
Water evacuated before sampling: 84 gal
Time: 7:45
pH: 10.1
Alkalinity: 66 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	10.0	pH	GE
0	Specific conductance	125	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	61	mg/L	GE
1	Aluminum	101	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	61	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	21,100	µg/L	GE
0	Chloride	2,000	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	130	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	33	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	506	µg/L	GE
2	Manganese	86	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	3,280	µg/L	GE
0	Silica	23,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,080	µg/L	GE
0	Sulfate	13,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	93,000	µg/L	GE
0	Total inorganic carbon	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	320	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	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL IDQ 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 41.59 ft (12.68 m) below TOC
Water elevation: 164.91 ft (50.27 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 8:20
pH: 5.5
Alkalinity: 5 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.3	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	3.5	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Chloride	2,050	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	11	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	19	µg/L	GE

WELL IDQ 3C collected on 09/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	4.3	µg/L	GE
0	Magnesium	229	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.4	µg/L	GE
0	Nitrate as nitrogen	73	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	9,440	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,040	µg/L	GE
0	Sulfate	1,260	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	16,000	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)	410	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	150	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 ± 2.0E-07	µCi/mL	GE

WELL IDQ 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 69.73 ft (21.25 m) below TOC
Water elevation: 195.77 ft (59.67 m) msl
Sp. conductance: 68 µS/cm
Water evacuated before sampling: 28 gal
Time: 8:35
pH: 8.8
Alkalinity: 32 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.8	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	24	mg/L	GE
2	Aluminum	364	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	3.9	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,300	µg/L	GE
0	Chloride	2,460	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	107	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	135	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	87	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	8,880	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	2,040	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total inorganic carbon	3,000	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	<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	2.9E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91 — Time: 6:40
Depth to water: 73.29 ft (22.34 m) below TOC — pH: 6.5
Water elevation: 193.91 ft (59.10 m) msl — Alkalinity: 40 mg/L
Sp. conductance: 71 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	25	mg/L	GE
0	Aluminum	<20	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	1,490	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	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	157	µg/L	GE
1	Manganese	31	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	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,680	µg/L	GE
0	Silica	5,270	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,890	µg/L	GE
0	Sulfate	4,010	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	51,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	245	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.2E-09 ± 2.2E-09	µCi/mL	GE
0	Tritium	3.7E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91 — Time: 7:00
Depth to water: 65.85 ft (20.07 m) below TOC — pH: 11.1
Water elevation: 192.25 ft (58.60 m) msl — Alkalinity: 101 mg/L
Sp. conductance: 372 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
2	pH	11	pH	GE
1	Specific conductance	350	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	98	mg/L	GE
2	Aluminum	3,370	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	32,400	µg/L	GE
0	Chloride	1,100	µg/L	GE
0	Chromium	9.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Fluoride	114	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	4.3	µg/L	GE
0	Lead	<3.0	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	Nitrate as nitrogen	240	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	4,640	µg/L	GE
0	Silica	10,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,400	µg/L	GE
0	Sulfate	5,340	µg/L	GE
0	Total carbon	2,000	µg/L	GE

WELL IDQ 6 collected on 09/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	134,000	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	30	µg/L	GE
0	Zinc	4.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 1.9E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91 — Time: 7:20
Depth to water: 54.86 ft (16.72 m) below TOC — pH: 7.1
Water elevation: 185.74 ft (56.61 m) msl — Alkalinity: 103 mg/L
Sp. conductance: 198 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	7.8	pH	GE
0	Specific conductance	200	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	98	mg/L	GE
0	Alkalinity (as $CaCO_3$)	98	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	59	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	29,300	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	135	µg/L	GE
0	Fluoride	131	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	6.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,940	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	55	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	1,900	µg/L	GE
0	Silica	6,430	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,490	µg/L	GE
0	Sulfate	1,790	µg/L	GE
1	Total carbon	8,000	µg/L	GE
1	Total carbon	9,000	µg/L	GE
0	Total dissolved solids	139,000	µg/L	GE
0	Total dissolved solids	128,000	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)	<100	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	74	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-06 ± 2.0E-07	µCi/mL	GE

WELL IDQ 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 13:40
The well was dry.

WELL IDQ 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 13:50
The well was dry

ANALYTICAL RESULTS

WELL IDQ 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91 — Time: 8:45
Depth to water: 63.86 ft (19.46 m) below TOC — pH: 6.8
Water elevation: 172.64 ft (52.62 m) msl — Alkalinity: 70 mg/L
Sp. conductance: 118 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	130	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	60	mg/L	GE
2	Aluminum	2,640	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	22,100	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	369	µg/L	GE
2	Iron	484	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,040	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	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	Potassium	604	µg/L	GE
0	Silica	18,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,940	µg/L	GE
0	Sulfate	3,690	µg/L	GE
1	Total carbon	9,000	µg/L	GE
0	Total dissolved solids	106,000	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)	1,390	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	µCi/mL	GE
0	Tritium	4.2E-06 ± 3.0E-07	µCi/mL	GE

WELL IDQ 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 14:05
The well was dry.

WELL IDQ 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91 — Time: 9:15
Depth to water: 56.26 ft (17.15 m) below TOC — pH: 5.5
Water elevation: 185.94 ft (56.68 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.4	mg/L	GE
0	Aluminum	25	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Barium	5.9	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	1,830	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	Iodine	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	202	µg/L	GE

WELL IDQ 12 collected on 09/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	89	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	8,190	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,240	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	21,000	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)	<100	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	<2.0E-09	µCi/mL	GE
0	Tritium	6.0E-06 ± 4.0E-07	µCi/mL	GE

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 — Time: 14:35
Depth to water: 55.01 ft (16.77 m) below TOC — pH: 6.1
Sp. conductance: 76 µS/cm — Water temperature: 23.2°C
Water evacuated before sampling: 8 gal

WELL KAB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 12:05
Depth to water: 58.12 ft (17.72 m) below TOC — pH: 5.9
Water elevation: 207.88 ft (63.36 m) msl — Alkalinity: 22 mg/L
Sp. conductance: 269 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 19 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	11,000	µg/L	GE
2	Manganese	700	µg/L	GE
0	Nickel	29	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	2.1E-09 ± 1.8E-09	µCi/mL	GE
2	Total radium	1.4E-08 ± 6.8E-09	µCi/mL	GE

WELL KAB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 9:40
Depth to water: 46.45 ft (14.16 m) below TOC — pH: 5.3
Water elevation: 214.25 ft (65.30 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 52 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	26	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Nickel	4.6	µg/L	GE
2	Total organic halogens	123	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	3.0E-09 ± 3.1E-09	µCi/mL	GE

WELL KAB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 42.19 ft (12.86 m) below TOC
Water elevation: 207.91 ft (63.37 m) msl
Sp. conductance: 97 µS/cm
Water evacuated before sampling: 39 gal
Time: 10:05
pH: 5.4
Alkalinity: 5 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	64	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Nickel	10	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	4.7E-09 ± 3.6E-09	µCi/mL	GE

WELL KAB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 48.44 ft (14.76 m) below TOC
Water elevation: 205.98 ft (62.78 m) msl
Sp. conductance: 613 µS/cm
Water evacuated before sampling: 50 gal
Time: 10:25
pH: 6.9
Alkalinity: 176 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	15	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Total organic halogens	21	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	2.1E-09 ± 7.8E-09	µCi/mL	GE
2	Total radium	1.2E-08 ± 5.4E-09	µCi/mL	GE

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 44.01 ft (13.41 m) below TOC
Water elevation: 221.99 ft (67.66 m) msl
Sp. conductance: 98 µS/cm
Water evacuated before sampling: 60 gal
Time: 11:20
pH: 5.5
Alkalinity: 11 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	95	µS/cm	GE
0	Turbidity	10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aluminum	<20	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	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	732	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE

WELL KAC 1 collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Chlordane	<10	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	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl 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	<4.0	µg/L	GE
0	Copper	32	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<0.10	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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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-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	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	<0.10	µg/L	GE
0	Endosulfan I	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<0.10	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	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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
1	Iron	157	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Magnesium	176	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	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	15	µg/L	GE
0	Nitrate as nitrogen	160	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

ANALYTICAL RESULTS

WELL KAC 1 collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	5,780	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19,500	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	67,000	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	Toxaphene	<10	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	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 KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 33.53 ft (10.22 m) below TOC
Water elevation: 223.97 ft (68.27 m) msl
Sp. conductance: 187 µS/cm
Water evacuated before sampling: 76 gal

Time: 10:50
pH: 5.9
Alkalinity: 59 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	165	µS/cm	GE
0	Turbidity	5.1	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,060	µg/L	GE
0	Chloride	3,200	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	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	874	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	Phenols	<5.0	µg/L	GE
0	Potassium	621	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,970	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	41,400	µg/L	GE
0	Sulfate	42,200	µg/L	GE
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)	<100	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
1	Total radium	2.9E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	4.2E-06 ± 3.0E-07	µCi/mL	GE

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 33.83 ft (10.31 m) below TOC
Water elevation: 223.97 ft (68.27 m) msl
Sp. conductance: 127 µS/cm
Water evacuated before sampling: 72 gal

Time: 10:00
pH: 6.1
Alkalinity: 25 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.5	pH	GE
0	pH	6.5	pH	GE
0	Specific conductance	105	µS/cm	GE
0	Specific conductance	90	µS/cm	GE
0	Turbidity	5.1	NTU	GE
0	Turbidity	5.1	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aluminum	<20	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	4.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,350	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	8,000	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	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	13	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<0.10	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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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-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	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

WELL KAC 3 collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.10	µg/L	GE
0	Endosulfan I	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<0.10	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	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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
2	Iron	347	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Magnesium	277	µg/L	GE
0	Manganese	3.9	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	4.3	µg/L	GE
0	Nitrate as nitrogen	<50	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	5,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,200	µg/L	GE
0	Sulfate	18,500	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	79,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	33	µg/L	GE
1	Total organic halogens	34	µg/L	GE
1	Total organic halogens	35	µg/L	GE
2	Total organic halogens	56	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	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	Zinc	42	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.0E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 10:00
Depth to water: 33.83 ft (10.31 m) below TOC — pH: 6.1
Water elevation: 223.97 ft (68.27 m) msl — Alkalinity: 25 mg/L
Sp. conductance: 127 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	105	µS/cm	GE
0	Turbidity	4.5	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aluminum	<20	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	4.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,210	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	1,930	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	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	14	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<0.10	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	<20	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	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	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	<0.10	µg/L	GE

ANALYTICAL RESULTS

WELL KAC 3 collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Endosulfan I	<10	µg/L	GE
0	Endosulfan II	<0.10	µg/L	GE
0	Endosulfan II	<10	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<0.10	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	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<0.050	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
2	Iron	346	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Magnesium	294	µg/L	GE
0	Manganese	3.9	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	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	5,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	24,000	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	Thallium	<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	<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	Toxaphene	<10	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	Zinc	46	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	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 13:00
Depth to water: 40.53 ft (12.35 m) below TOC — pH: 5.1
Water elevation: 219.47 ft (66.90 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 64 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 108 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Turbidity	1.4	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	370	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	<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	415	µg/L	GE
0	Manganese	2.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	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	6,190	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10,700	µg/L	GE
0	Sulfate	15,000	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	64	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.1E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	2.2E-06 ± 2.0E-07	µCi/mL	GE

WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 12:15
Depth to water: 34.11 ft (10.40 m) below TOC — pH: 5.5
Water elevation: 224.89 ft (68.55 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 60 µS/cm — Water temperature: 22.9°C
Water evacuated before sampling: 56 gal

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	60	µS/cm	GE
0	Turbidity	7.7	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,130	µg/L	GE
0	Chloride	6,150	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	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	142	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	59	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	6,030	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,400	µg/L	GE
0	Sulfate	12,600	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	27	µg/L	GE
1	Total organic halogens	34	µg/L	GE

WELL KAC 5 collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Total organic halogens	39	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL KAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 34.51 ft (10.52 m) below TOC
Water elevation: 224.49 ft (68.43 m) msl
Sp. conductance: 106 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 6:30
pH: 5.4
Alkalinity: 6 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Turbidity	43	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	650	µg/L	GE
0	Chloride	7,400	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	313	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	260	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	Nitrate as nitrogen	83	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	826	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,250	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,900	µg/L	GE
0	Sulfate	30,500	µg/L	GE
0	Total dissolved solids	77,000	µg/L	GE
1	Total organic carbon	5,700	µg/L	GE
1	Total organic halogens	28	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	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: 08/15/91
Depth to water: 44.05 ft (13.43 m) below TOC
Water elevation: 221.05 ft (67.38 m) msl
Sp. conductance: 144 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 6:55
pH: 5.9
Alkalinity: 53 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	135	µS/cm	GE
0	Turbidity	273	NTU	GE
0	Turbidity	271	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,060	µg/L	GE
0	Chloride	6,200	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	7.2	µg/L	GE
0	Lead	3.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	208	µg/L	GE
0	Manganese	4.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL KAC 7 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,000	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	4,680	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,600	µg/L	GE
0	Sulfate	11,400	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 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	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	8.0E-06 ± 4.0E-07	µCi/mL	GE

WELL KCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 51.73 ft (15.77 m) below TOC
Water elevation: 208.67 ft (63.60 m) msl
Sp. conductance: 107 µS/cm
Water evacuated before sampling: 66 gal
Time: 11:45
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 20.8°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	1.1	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)	4.1	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	Iron	18	µg/L	GE
0	Manganese	7.3	µg/L	GE
0	Sulfate	27,900	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)	<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	Total radium	1.4E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	2.1E-05 ± 7.0E-07	µCi/mL	GE

WELL KCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 46.43 ft (14.15 m) below TOC
Water elevation: 207.97 ft (63.39 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 53 gal
Time: 11:15
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.6°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

ANALYTICAL RESULTS

WELL KCB 2 collected on 08/30/91, 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)	<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	Iron	163	µg/L	GE
0	Manganese	6.9	µg/L	GE
0	Sulfate	12,200	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 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
2	Total radium	5.0E-09 ± 3.7E-09	µCi/mL	GE
2	Tritium	2.8E-05 ± 7.0E-07	µCi/mL	GE

WELL KCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 41.32 ft (12.59 m) below TOC
Water elevation: 206.58 ft (62.97 m) msl
Sp. conductance: 573 µS/cm
Water evacuated before sampling: 59 gal
Time: 10:50
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 21.4°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
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)	3.7	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	Iron	28	µg/L	GE
2	Manganese	493	µg/L	GE
0	Sulfate	<5.0E+06	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)	<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	6.6E-09 ± 9.4E-09	µCi/mL	GE
2	Total radium	2.0E-08 ± 6.7E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL KCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Time: 11:55
Inaccessibility or pump failure prevented sample collection.

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 82.52 ft (19.08 m) below TOC
Water elevation: 210.58 ft (64.19 m) msl
Sp. conductance: 117 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.
Time: 13:30
pH: 5.4
Alkalinity: 17 mg/L
Water temperature: 25.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	25	µg/L	GE
1	Lead	13	µg/L	GE
2	Manganese	461	µg/L	GE
2	Tetrachloroethylene	7.1	µg/L	GE
0	Total organic halogens	9.2	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Total activity	6.3E-04 ± 2.1E-05	µCi/mL	EM
2	Total radium	5.0E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	1.3E-03 ± 5.2E-06	µCi/mL	GE

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 63.64 ft (19.40 m) below TOC
Water elevation: 209.88 ft (63.97 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 72 gal
Time: 13:15
pH: 5.2
Alkalinity: 4 mg/L
Water temperature: 25.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	18	µg/L	GE
2	Manganese	66	µg/L	GE
2	Tetrachloroethylene	15	µg/L	GE
2	Total organic halogens	972	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8.1	µg/L	GE
0	Total activity	1.3E-03 ± 2.8E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.2E-03 ± 5.0E-06	µCi/mL	GE

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 62.90 ft (19.17 m) below TOC
Water elevation: 210.50 ft (64.16 m) msl
Sp. conductance: 282 µS/cm
Water evacuated before sampling: 19 gal
The well went dry during purging.
Time: 13:45
pH: 6.3
Alkalinity: 118 mg/L
Water temperature: 24.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	45	µg/L	GE
0	Lead	5.3	µg/L	GE
1	Manganese	29	µg/L	GE
0	Tetrachloroethylene	1.4	µg/L	GE
2	Total organic halogens	178	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	16	µg/L	GE
0	Total radium	1.2E-09 ± 2.2E-09	µCi/mL	GE
2	Tritium	9.6E-05 ± 1.4E-06	µCi/mL	GE

WELL KDT 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 14:00
Depth to water: 62.78 ft (19.14 m) below TOC — pH: 5.3
Water elevation: 210.22 ft (64.08 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 79 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	60	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	Iron	51	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Manganese	53	µg/L	GE
0	Oil & grease	<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	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	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total activity	8.7E-04 ± 2.4E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	7.1E-04 ± 3.7E-06	µCi/mL	GE

WELL KRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 14:15
Depth to water: 42.47 ft (12.95 m) below TOC — pH: 4.8
Water elevation: 221.43 ft (67.49 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	74	µg/L	GE
1	Lead	7.6	µg/L	GE
0	Manganese	16	µg/L	GE
0	Nickel	20	µg/L	GE
2	Tetrachloroethylene	6.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.5	µg/L	GE

WELL KRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 15:25
Depth to water: 33.86 ft (10.32 m) below TOC — pH: 5.0
Water elevation: 222.24 ft (67.74 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	12	µg/L	GE
1	Lead	12	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL KRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 15:05
Depth to water: 31.23 ft (9.52 m) below TOC — pH: 5.0
Water elevation: 223.27 ft (68.05 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Iron	476	µg/L	GE
1	Lead	8.0	µg/L	GE
2	Manganese	107	µg/L	GE
0	Nickel	7.4	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL KRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 14:40
Depth to water: 34.39 ft (10.48 m) below TOC — pH: 4.8
Water elevation: 221.21 ft (67.43 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 66 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Manganese	102	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Tetrachloroethylene	109	µg/L	GE
0	Total organic carbon	<2,000	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	34	µg/L	GE

WELL KSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 — Time: 14:00
Depth to water: 59.87 ft (18.25 m) below TOC — pH: 4.6
Water elevation: 207.53 ft (63.26 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 84 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	4.4E-03 ± 1.5E-05	µCi/mL	EM
2	Tritium	4.2E-03 ± 9.1E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 58.49 ft (17.83 m) below TOC
Water elevation: 207.31 ft (63.19 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 88 gal
Time: 12:30
pH: 4.4
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	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
2	Tritium	4.1E-05 ± 9.0E-07	µCi/mL	GE

WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 58.49 ft (17.83 m) below TOC
Water elevation: 207.31 ft (63.19 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 88 gal
Time: 12:30
pH: 4.4
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	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
2	Tritium	3.9E-05 ± 9.0E-07	µCi/mL	GE

WELL KSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 54.50 ft (16.61 m) below TOC
Water elevation: 207.00 ft (63.09 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 98 gal
Time: 13:00
pH: 4.5
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	Tetrachloroethylene	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.1	µg/L	GE
0	Total activity	1.6E-04 ± 3.1E-06	µCi/mL	EM
2	Tritium	1.6E-04 ± 1.8E-06	µCi/mL	GE

WELL KSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 56.53 ft (17.23 m) below TOC
Water elevation: 207.57 ft (63.27 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 100 gal
Time: 13:30
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 22.9°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	Total activity	4.5E-02 ± 3.5E-04	µCi/mL	EM
2	Tritium	3.9E-02 ± 2.7E-05	µCi/mL	GE

WELL KSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 52.99 ft (16.15 m) below TOC
Water elevation: 176.81 ft (53.89 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 51 gal
Time: 12:50
pH: 5.9
Alkalinity: 18 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	3,340	µg/L	GE
0	Iron	11	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Nitrate as nitrogen	600	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	2,420	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total phosphates (as P)	130	µg/L	GE
0	Total radium	1.6E-09 ± 2.7E-09	µCi/mL	GE

WELL KSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 24.85 ft (7.57 m) below TOC
Water elevation: 167.45 ft (51.04 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 60 gal
Time: 13:20
pH: 5.6
Alkalinity: 4 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,240	µg/L	GE
0	Iron	22	µg/L	GE
1	Manganese	35	µg/L	GE
0	Nitrate as nitrogen	700	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	3,260	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	1.0E-09 ± 2.4E-09	µCi/mL	GE

WELL KSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 17.98 ft (5.48 m) below TOC
Water elevation: 167.22 ft (50.97 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 73 gal
Time: 13:45
pH: 6.0
Alkalinity: 11 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,440	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Nitrate as nitrogen	520	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	1,590	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	1.3E-09 ± 2.7E-09	µCi/mL	GE

WELL LAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 9:55
Depth to water: 20.09 ft (6.12 m) below TOC — pH: 4.9
Water elevation: 218.11 ft (66.48 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Lead	4.3	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.9	µg/L	GE

WELL LAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 9:30
Depth to water: 21.93 ft (6.68 m) below TOC — pH: 4.8
Water elevation: 218.27 ft (66.53 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Lead	42	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	16	µg/L	GE

WELL LAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 9:20
Depth to water: 19.46 ft (5.93 m) below TOC — pH: 6.3
Water elevation: 218.34 ft (66.55 m) msl — Alkalinity: 59 mg/L
Sp. conductance: 145 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Tetrachloroethylene	13	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.1	µg/L	GE

WELL LAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 10:20
Depth to water: 18.70 ft (5.70 m) below TOC — pH: 6.1
Water elevation: 218.40 ft (66.57 m) msl — Alkalinity: 25 mg/L
Sp. conductance: 72 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	2.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL LCO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 12:00
Depth to water: 23.53 ft (7.17 m) below TOC — pH: 5.3
Water elevation: 217.17 ft (66.19 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 58 µS/cm — Water temperature: 24.0°C
Water evacuated before sampling: 56 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	Manganese	2.4	µg/L	GE
0	Nickel	10	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)	270	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
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	Nonvolatile beta	4.3E-08 ± 4.9E-09	µCi/mL	GE
0	Total activity	6.5E-04 ± 5.8E-06	µCi/mL	EM
2	Tritium	6.7E-04 ± 3.6E-06	µCi/mL	GE

WELL LCO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 10:40
Depth to water: 23.19 ft (7.07 m) below TOC — pH: 4.6
Water elevation: 218.41 ft (66.57 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 23.5°C
Water evacuated before sampling: 56 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	Manganese	5.5	µg/L	GE
0	Nickel	9.8	µg/L	GE
0	Sulfate	5,000	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)	<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	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	5.5E-06 ± 4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL LCO 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 23.07 ft (7.03 m) below TOC
Water elevation: 218.33 ft (66.55 m) msl
Sp. conductance: 255 µS/cm
Water evacuated before sampling: 60 gal
Time: 11:05
pH: 8.6
Alkalinity: 120 mg/L
Water temperature: 24.0°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	Manganese	<2.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Sulfate	7,070	µg/L	GE
0	Sulfate	7,330	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
0	Toluene	<1.0	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
1	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	4.0	µg/L	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL LCO 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 21.28 ft (6.49 m) below TOC
Water elevation: 215.92 ft (65.81 m) msl
Sp. conductance: 653 µS/cm
Water evacuated before sampling: 64 gal
Time: 11:30
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 24.8°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	3.0	µg/L	GE
2	Manganese	80	µg/L	GE
0	Nickel	9.7	µg/L	GE
0	Sulfate	<500,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	27	µg/L	GE
0	Toluene	<1.0	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	Nonvolatile beta	2.1E-09 ± 1.4E-08	µCi/mL	GE
2	Tritium	2.9E-05 ± 8.0E-07	µCi/mL	GE

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 31.88 ft (9.66 m) below TOC
Water elevation: 221.22 ft (67.43 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.
Time: 11:00
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 24.7°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
2	Lead	63	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
2	Trichlorofluoromethane	25	µg/L	GE

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 30.59 ft (9.32 m) below TOC
Water elevation: 221.31 ft (67.46 m) msl
Sp. conductance: 69 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.
Time: 10:50
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 24.9°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
2	Lead	149	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 LFW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 12:05
Depth to water: 15.17 ft (4.62 m) below TOC — pH: 5.3
Water elevation: 156.53 ft (47.71 m) msl — Alkalinity: 19 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	75	µS/cm	GE
0	Aldrin	<0.050	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	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,990	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,1-Dichloroethane	3.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	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	Endosulfan sulfate	<0.10	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	8,420	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,610	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	Potassium	539	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,710	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,670	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	28	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	2.4E-09 ± 1.6E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.8E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 11:30
Depth to water: 16.70 ft (5.09 m) below TOC — pH: 6.4
Water elevation: 154.50 ft (47.09 m) msl — Alkalinity: 121 mg/L
Sp. conductance: 491 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
1	Specific conductance	325	µS/cm	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
1	Arsenic	34	µg/L	GE
0	Barium	27	µg/L	GE
1	Benzene	4.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	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	5.3	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	26,600	µg/L	GE
2	Chlorobenzene	52	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	400	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	1,4-Dichlorobenzene	99	µg/L	GE
2	1,1-Dichloroethane	28	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	23	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	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	18	µg/L	GE
0	Fluoride	116	µg/L	GE
2	Iron	58,400	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	18,300	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	<50	µg/L	GE
0	Potassium	3,810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,750	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	32,100	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	17	µg/L	GE
2	Total organic carbon	10,000	µg/L	GE
2	Total organic halogens	612	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-08 ± 1.6E-08	µCi/mL	GE
2	Total radium	6.9E-09 ± 4.0E-09	µCi/mL	GE
1	Tritium	1.7E-05 ± 6.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL LFW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 13:40
Depth to water: 18.24 ft (5.56 m) below TOC — pH: 5.8
Water elevation: 152.26 ft (46.41 m) msl — Alkalinity: 15 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	90	µS/cm	GE
0	Aldrin	<0.050	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	7.6	µg/L	GE
0	Benzene	1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,010	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,500	µg/L	GE
0	Chlorobenzene	3.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	67	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	16	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	27	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)	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	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	9.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	6,240	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	4,460	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	1,400	µg/L	GE
0	Potassium	1,010	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,730	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10,600	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	4.0	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	77	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.3E-09 ± 2.4E-09	µCi/mL	GE
1	Total radium	4.2E-09 ± 4.4E-09	µCi/mL	GE
0	Tritium	3.2E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 — Time: 9:20
Depth to water: 20.47 ft (6.24 m) below TOC — pH: 6.0
Water elevation: 155.03 ft (47.25 m) msl — Alkalinity: 79 mg/L
Sp. conductance: 265 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
1	Specific conductance	285	µS/cm	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.6	µg/L	GE
0	Barium	12	µg/L	GE
1	Benzene	4.2	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	4.3	µg/L	GE
0	Calcium	11,600	µg/L	GE
0	Carbon tetrachloride	1.8	µg/L	GE
0	Chloride	24,000	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	1,4-Dichlorobenzene	<10	µg/L	GE
2	1,1-Dichloroethane	70	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	215	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	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	20	µg/L	GE
0	Fluoride	101	µg/L	GE
2	Iron	56,100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	8,160	µg/L	GE
1	Manganese	30	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	220	µg/L	GE
0	Potassium	2,390	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,400	µg/L	GE
0	Sulfate	4,790	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	24	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	59	µg/L	GE
2	Total organic carbon	38,000	µg/L	GE
2	Total organic halogens	561	µg/L	GE
0	Total organic nitrogen	170	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	15	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	28	µg/L	GE
2	Trichlorofluoromethane	43	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	2.3E-09 ± 1.8E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09 ± 2.4E-09	µCi/mL	GE
1	Total radium	3.5E-09 ± 3.4E-09	µCi/mL	GE
2	Tritium	6.3E-05 ± 1.4E-06	µCi/mL	GE

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 — Time: 9:20
Depth to water: 20.47 ft (6.24 m) below TOC — pH: 6.0
Water elevation: 155.03 ft (47.25 m) msl — Alkalinity: 79 mg/L
Sp. conductance: 265 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
1	Specific conductance	290	µS/cm	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	2.6	µg/L	GE
0	Barium	12	µg/L	GE
1	Benzene	4.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	4.5	µg/L	GE
0	Calcium	11,600	µg/L	GE
1	Carbon tetrachloride	2.9	µg/L	GE
0	Chloride	23,400	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	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
2	1,1-Dichloroethane	74	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)	219	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	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	21	µg/L	GE
0	Fluoride	105	µg/L	GE
2	Iron	56,000	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	6,140	µg/L	GE
1	Manganese	30	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	200	µg/L	GE
0	Potassium	2,350	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,500	µg/L	GE
0	Sulfate	4,540	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	28	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	66	µg/L	GE
2	Total organic carbon	44,000	µg/L	GE
2	Total organic carbon	44,000	µg/L	GE
2	Total organic halogens	493	µg/L	GE
0	Total organic nitrogen	250	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	25	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	28	µg/L	GE
2	Trichlorofluoromethane	64	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	2.1E-09 ± 2.3E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-09 ± 4.1E-09	µCi/mL	GE
1	Total radium	4.1E-09 ± 3.[illegible]E-09	µCi/mL	GE
2	Tritium	6.8E-05 ± 1.4[illegible]06	µCi/mL	GE

WELL LFW 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 9:55
Depth to water: 20.91 ft (6.37 m) below TOC — pH: 4.8
Water elevation: 157.89 ft (48.13 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 53 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Aldrin	<0.050	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	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	5,000	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	1,4-Dichlorobenzene	<10	µg/L	GE
2	1,1-Dichloroethane	34	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	2.0	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	Magnesium	2,080	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	9.8	µg/L	GE
0	Nitrate as nitrogen	1,140	µg/L	GE
0	Potassium	725	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	2,700	µg/L	GE
0	Sulfate	1,350	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 organic carbon	1,000	µg/L	GE
2	Total organic halogens	259	µg/L	GE
0	Total organic nitrogen	<100	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	11	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	9.0	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
2	Total radium	5.5E-09 ± 3.7E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 5.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL LFW 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 Time: 10:25
Depth to water: 20.78 ft (6.33 m) below TOC pH: 6.4
Water elevation: 157.02 ft (47.86 m) msl Alkalinity: 103 mg/L
Sp. conductance: 318 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 95 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	200	µS/cm	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
0	Arsenic	22	µg/L	GE
0	Barium	5.0	µg/L	GE
1	Benzene	3.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	2.4	µg/L	GE
0	Calcium	5,340	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	24,800	µg/L	GE
2	Chlorobenzene	55	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	1,4-Dichlorobenzene	26	µg/L	GE
2	1,1-Dichloroethane	30	µg/L	GE
2	1,2-Dichloroethane	5.0	µg/L	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	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	22	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	22,700	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	8,910	µg/L	GE
1	Manganese	26	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	55	µg/L	GE
0	Potassium	758	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	21,200	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	Thallium	<2.0	µg/L	GE
0	Toluene	6.0	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
2	Total organic halogens	177	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.6E-09 ± 1.4E-08	µCi/mL	GE
1	Total radium	3.6E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	9.2E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	9.1E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 Time: 10:55
Depth to water: 17.98 ft (5.48 m) below TOC pH: 6.4
Water elevation: 157.02 ft (47.86 m) msl Alkalinity: 145 mg/L
Sp. conductance: 352 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	200	µS/cm	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE
1	Arsenic	25	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Benzene	2.3	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	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	5.1	µg/L	GE
0	Calcium	5,320	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	17,400	µg/L	GE
0	Chlorobenzene	2.0	µg/L	GE
2	Chloroethane	19	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	1,4-Dichlorobenzene	61	µg/L	GE
2	1,1-Dichloroethane	18	µg/L	GE
1	1,2-Dichloroethane	4.8	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)	4.4	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	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	19	µg/L	GE
0	Fluoride	117	µg/L	GE
2	Iron	55,300	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	10,500	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	79	µg/L	GE
0	Potassium	1,880	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,390	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,600	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	7.9	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
2	Total organic halogens	174	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.2E-09 ± 2.4E-09	µCi/mL	GE
1	Total radium	4.6E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	6.8E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 Time: 12:30
Depth to water: 18.40 ft (5.61 m) below TOC pH: 4.8
Water elevation: 158.30 ft (48.25 m) msl Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Aldrin	<0.050	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	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	353	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	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<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)	1.6	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	Endosulfan sulfate	<0.10	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	54	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	421	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	4.6	µg/L	GE
0	Nitrate as nitrogen	170	µg/L	GE
0	Potassium	<500	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	1,370	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.9	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.9E-09 ± 2.1E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	3.2E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 Time: 9:25
Depth to water: 18.78 ft (5.72 m) below TOC pH: 4.8
Water elevation: 161.72 ft (49.29 m) msl Alkalinity: 0 mg/L
Sp. conductance: 17 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Aldrin	<0.050	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	4.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	187	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	Copper	7.5	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<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)	2.2	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	Endosulfan sulfate	<0.10	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	55	µg/L	GE
0	Lead	4.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	309	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	Nickel	5.7	µg/L	GE
0	Nitrate as nitrogen	170	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,180	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,330	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 1.9E-09	µCi/mL	GE
1	Total radium	3.7E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 Time: 14:15
Depth to water: 22.23 ft (6.78 m) below TOC pH: 6.0
Water elevation: 153.37 ft (46.75 m) msl Alkalinity: 106 mg/L
Sp. conductance: 301 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
1	Specific conductance	250	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	6.5	µg/L	GE
1	Benzene	2.8	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
1	Cadmium	5.0	µg/L	GE
0	Calcium	6,530	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	11,400	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	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)	<1.0	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	<20	µg/L	GE

WELL LFW 21 collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dichlorodifluoromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	74	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	275	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	1.2	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	18	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	137	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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
2	Iron	63,500	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	6,660	µg/L	GE
2	Manganese	120	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	39	µg/L	GE
0	Methyl isobutyl ketone	74	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	<40	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Nitrate as nitrogen	170	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

WELL LFW 21 collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silica	11,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,500	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	4,240	µg/L	GE
0	Sulfate	4,300	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	9.8	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	19	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
2	Total organic carbon	11,000	µg/L	GE
2	Total organic carbon	12,000	µg/L	GE
2	Total organic halogens	612	µg/L	GE
0	Total organic nitrogen	<100	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	16	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	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	70	µg/L	GE
0	Zinc	13	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.2E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	4.8E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 19.22 ft (5.86 m) below TOC
Water elevation: 154.98 ft (47.24 m) msl
Sp. conductance: 597 µS/cm
Water evacuated before sampling: 86 gal

Time: 14:50
pH: 6.3
Alkalinity: 202 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
1	Specific conductance	430	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	25	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	6.0	µg/L	GE
0	Barium	14	µg/L	GE
1	Benzene	3.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
2	Cadmium	21	µg/L	GE
0	Calcium	4,710	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	25,200	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 22 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	1,1-Dichloroethane	100	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	13	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	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	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	84	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	114	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	4.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
2	Iron	166,000	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	8,360	µg/L	GE
0	Manganese	22	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	638	µg/L	GE
0	Methyl isobutyl ketone	1,680	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	310	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 LFW 22 collected on 08/15/91, 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	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silica	13,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	21,400	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,200	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
1	Tetrachloroethylene	3.0	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	170	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
2	Total organic carbon	83,000	µg/L	GE
2	Total organic halogens	481	µg/L	GE
0	Total organic nitrogen	460	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	26	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	25	µg/L	GE
2	Trichlorofluoromethane	625	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	140	µg/L	GE
0	Zinc	38	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	3.2E-06 ± 6.0E-07	µCi/mL	GE

WELL LFW 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 15.92 ft (4.85 m) below TOC
Water elevation: 155.88 ft (47.51 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 82 gal

Time: 15:00
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<2.0	µg/L	GE

WELL LFW 23 collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	341	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	Copper	4.3	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<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)	9.0	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	Endosulfan sulfate	<0.10	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	5.4	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	4.2	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,540	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,580	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	16	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	2.1E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 12.61 ft (3.84 m) below TOC
Water elevation: 158.69 ft (48.37 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 91 gal

Time: 14:20
pH: 5.1
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	20	µS/cm	GE
0	Aldrin	<0.050	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	4.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	480	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE

WELL LFW 24 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	4.8	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	Endosulfan sulfate	<0.10	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	477	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	570	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,510	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,190	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.2	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.3E-09	µCi/mL	GE
1	Total radium	3.6E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/12/91
Depth to water: 14.00 ft (4.27 m) below TOC
Water elevation: 160.70 ft (48.98 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 99 gal

Time: 8:40
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Aldrin	<0.050	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	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	239	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,640	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	Dibromochloromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 25 collected on 08/12/91, 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)	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	Endosulfan sulfate	< 0.10	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	430	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	Nitrate as nitrogen	540	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,640	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	957	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	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic nitrogen	360	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	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 2.9E-09	µCi/mL	GE
2	Total radium	8.0E-09 ± 4.3E-09	µCi/mL	GE
0	Tritium	2.7E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: 22.49 ft (6.86 m) below TOC
Water elevation: 164.01 ft (49.99 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 54 gal

Time: 9:00
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Aldrin	< 0.050	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	3.6	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	182	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	Dibromochloromethane	< 1.0	µg/L	GE
0	1,4-Dichlorobenzene	< 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)	2.3	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

WELL LFW 26 collected on 08/13/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endosulfan sulfate	< 0.10	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	233	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	100	µg/L	GE
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	1,220	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	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
2	Total organic halogens	191	µg/L	GE
0	Total organic nitrogen	< 100	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	1.2	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
1	Total radium	3.5E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	2.6E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: 24.36 ft (7.43 m) below TOC
Water elevation: 164.84 ft (50.24 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 59 gal

Time: 8:30
pH: 5.3
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	15	µS/cm	GE
0	Aldrin	< 0.050	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	4.1	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	356	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	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)	12	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	Endosulfan sulfate	< 0.10	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	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	2.3	µg/L	GE

WELL LFW 27 collected on 08/13/91, 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	96	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
0	Sodium	2,160	µg/L	GE
0	Sulfate	1,390	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total organic nitrogen	<100	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	2,4,5-TP (Silvex)	<0.090	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
2	Total radium	5.4E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 26.01 ft (7.93 m) below TOC
Water elevation: 166.39 ft (50.72 m) msl
Sp. conductance: 76 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.

Time: 8:15
pH: 6.1
Alkalinity: 19 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	75	µS/cm	GE
0	Aldrin	<0.050	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	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,760	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,460	µg/L	GE
0	Chloride	1,460	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	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)	12	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	Endosulfan sulfate	<0.10	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	481	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	1,120	µg/L	GE
0	Potassium	7,150	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,140	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,370	µg/L	GE

WELL LFW 28 collected on 08/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sulfate	2,060	µg/L	GE
0	Sulfate	2,110	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	<1.0	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 nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.7E-09 ± 2.3E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	7.0E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 27.94 ft (8.52 m) below TOC
Water elevation: 167.36 ft (51.01 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 63 gal

Time: 12:50
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 18.5°C

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	11	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	7.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	502	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	2,140	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
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

ANALYTICAL RESULTS

WELL LFW 29 collected on 08/15/91, 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	<0.10	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	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)	<1.0	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	<20	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	14	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	535	µg/L	GE
0	Manganese	3.6	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	<1.0	µg/L	GE

WELL LFW 29 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methyl isobutyl ketone	2.0	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	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silica	6,320	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,290	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,420	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	<2.0	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	20	µg/L	GE
0	Total organic nitrogen	<100	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	1,2,4-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	5.0	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

WELL LFW 29 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	4.7E-09 ± 2.3E-09	µCi/mL	GE
1	Total radium	4.2E-09 ± 4.3E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 Time: 12:10
Depth to water: 42.87 ft (13.07 m) below TOC pH: 5.1
Water elevation: 167.13 ft (50.94 m) msl Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm Water temperature: 18.5°C
Water evacuated before sampling: 61 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)	<10	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	5.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl 4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8.8	µg	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	1,620	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	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	<0.10	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	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE

WELL LFW 30 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	<1.0	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	<20	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)	1.7	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	<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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00045	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00045	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	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<5	µg/L	GE
0	Iron	8.4	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	<0.050	µg/L	GE
0	Magnesium	4.1	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	<1.0	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

ANALYTICAL RESULTS

WELL LFW 30 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenz 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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silica	6,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	888	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 organic carbon	2,000	µg/L	GE
0	Total organic halogens	9.1	µg/L	GE
0	Total organic nitrogen	<100	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	1,2,4-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	5.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 Time: 11:45
Depth to water: 63.03 ft (19.21 m) below TOC pH: 5.1
Water elevation: 166.27 ft (50.68 m) msl Alkalinity: 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aldrin	<0.050	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	4.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	674	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	10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endosulfan sulfate	<0.10	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	23	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	3.3	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	270	µg/L	GE
0	Potassium	633	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,370	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,720	µg/L	GE
0	Sulfate	1,890	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 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 nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 Time: 11:20
Depth to water: 59.49 ft (18.13 m) below TOC pH: 4.9
Water elevation: 164.21 ft (50.05 m) msl Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aldrin	<0.050	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	4.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	295	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,360	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	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<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)	11	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	Endosulfan sulfate	<0.10	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	341	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	Nitrate as nitrogen	350	µg/L	GE
0	Potassium	512	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,360	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,410	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	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
1	Total organic halogens	27	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.1E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 Time: 10:55
Depth to water: 50.59 ft (15.42 m) below TOC pH: 4.8
Water elevation: 163.11 ft (49.72 m) msl Alkalinity: 0 mg/L
Sp. conductance: 17 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Aldrin	<0.050	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	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	279	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	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	Endosulfan sulfate	<0.10	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	8.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	355	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	260	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,280	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,140	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 organic carbon	<1,000	µg/L	GE
1	Total organic halogens	39	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.7E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL LFW 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 39.08 ft (11.91 m) below TOC
Water elevation: 161.92 ft (49.35 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 50 gal

Time: 10:25
pH: 4.8
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	20	µS/cm	GE
0	Aldrin	<0.050	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	4.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	411	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	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	Endosulfan sulfate	<0.10	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	447	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	420	µg/L	GE
0	Potassium	517	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,490	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,240	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	15	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.1E-09	µCi/mL	GE
1	Total radium	4.7E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 22.42 ft (6.83 m) below TOC
Water elevation: 161.28 ft (49.16 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 49 gal

Time: 10:00
pH: 4.8
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	25	µS/cm	GE
0	Aldrin	<0.050	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	5.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	332	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,830	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)	12	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	Endosulfan sulfate	<0.10	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	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	576	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	1,320	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	<2.0	µg/L	GE
0	Sodium	2,550	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.7	µg/L	GE
0	Total organic nitrogen	<100	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 2.1E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 22.44 ft (6.84 m) below TOC
Water elevation: 147.96 ft (45.10 m) msl
Sp. conductance: 158 µS/cm
Water evacuated before sampling: 61 gal

Time: 16:05
pH: 5.8
Alkalinity: 43 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	180	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	16	µg/L	GE
1	Benzene	3.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,150	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	20,400	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
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	<0.10	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	Dialiate	<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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE

WELL LFW 36 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	1,1-Dichloroethane	46	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)	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	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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
2	Iron	1,100	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	8,310	µg/L	GE
0	Manganese	12	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	<1.0	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

ANALYTICAL RESULTS

WELL LFW 36 collected on 08/15/91, 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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	692	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	Selenium	<2.0	µg/L	GE
0	Silica	8,130	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,100	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,670	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	1.4	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
2	Total organic carbon	16,000	µg/L	GE
2	Total organic halogens	343	µg/L	GE
0	Total organic nitrogen	<100	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	11	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.3	µg/L	GE
2	Trichlorofluoromethane	260	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	3.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.0E-09	µCi/mL	GE
1	Total radium	3.4E-09 ± 3.4E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL LFW 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91
Depth to water: 25.15 ft (7.67 m) below TOC
Water elevation: 144.75 ft (44.12 m) msl
Sp. conductance: 88 µS/cm
Water evacuated before sampling: 62 gal
Time: 15:30
pH: 5.2
Alkalinity: 0 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	95	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE

WELL LFW 37 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acetone	11	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	6.0	µg/L	GE
0	Benzene	2.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,510	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	20,600	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	<0.10	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	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)	<1.0	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	25	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	67	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)	37	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

WELL LFW 37 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	18	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	2,410	µg/L	GE
0	Manganese	2.8	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	<1.0	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	66	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE

WELL LFW 37 collected on 08/15/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silica	10,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,800	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,470	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 organic carbon	3,000	µg/L	GE
2	Total organic halogens	406	µg/L	GE
0	Total organic nitrogen	<100	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	8.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	GE
2	Trichlorofluoromethane	87	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	6.7E-09 ± 2.4E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 2.9E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL LFW 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 24.81 ft (7.56 m) below TOC
Water elevation: 145.49 ft (44.35 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 42 gal
Time: 12:00
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	50	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	26	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	5.8	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 38 collected on 08/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	661	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	13,300	µg/L	GE
0	Chloride	13,300	µg/L	GE
0	Chloride	13,000	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	4.5	µg/L	GE
2	Chloromethane (Methyl chloride)	46	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
2	Dichlorodifluoromethane	75	µg/L	GE
2	1,1-Dichloroethane	45	µg/L	GE
0	1,2-Dichloroethane	2.1	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)	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

WELL LFW 38 collected on 08/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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	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	<0.00045	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	28	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	918	µg/L	GE
0	Manganese	3.3	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	<1.0	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	57	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	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	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

WELL LFW 38 collected on 08/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Selenium	<2.0	µg/L	GE
0	Silica	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,100	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,370	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-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 organic carbon	1,000	µg/L	GE
2	Total organic halogens	248	µg/L	GE
0	Total organic nitrogen	100	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	14	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
2	Trichlorofluoromethane	64	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	2.8E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	7.4E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91 — Time: 11:35
Depth to water: 25.63 ft (7.81 m) below TOC — pH: 4.8
Water elevation: 145.77 ft (44.43 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Aldrin	<0.050	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	6.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	402	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,600	µg/L	GE
0	Chloride	5,600	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
2	Chloroethane	31	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	1,4-Dichlorobenzene	<10	µg/L	GE
2	1,1-Dichloroethane	42	µg/L	GE

WELL LFW 39 collected on 08/26/91, 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)	51	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	Endosulfan sulfate	<0.10	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	872	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	780	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,490	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,810	µg/L	GE
0	Sulfate	4,290	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 organic carbon	1,000	µg/L	GE
2	Total organic halogens	505	µg/L	GE
1	Total organic nitrogen	600	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
2	1,1,1-Trichloroethane	200	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
2	Trichlorofluoromethane	400	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.0E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.0E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL LFW 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91 — Time: 11:05
Depth to water: 25.69 ft (7.83 m) below TOC — pH: 4.9
Water elevation: 145.31 ft (44.29 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aldrin	<0.050	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	3.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	497	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,980	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
2	1,1-Dichloroethane	18	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	27	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	Endosulfan sulfate	<0.10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 40 collected on 08/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	601	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	170	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,570	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,250	µg/L	GE
0	Sulfate	1,810	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	498	µg/L	GE
0	Total organic nitrogen	<100	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	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	44	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	12	µg/L	GE
2	Trichlorofluoromethane	400	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
1	Total radium	3.0E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	2.7E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 25.69 ft (7.83 m) below TOC
Water elevation: 145.31 ft (44.29 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 40 gal

Time: 11:05
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aldrin	<0.050	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	3.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	494	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,910	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	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
2	1,1-Dichloroethane	17	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	28	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	Endosulfan sulfate	<0.10	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	585	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL LFW 40 collected on 08/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,150	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,170	µg/L	GE
0	Sulfate	2,360	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 organic carbon	2,000	µg/L	GE
2	Total organic halogens	461	µg/L	GE
0	Total organic nitrogen	<100	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	46	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
2	Trichlorofluoromethane	400	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
1	Total radium	3.5E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	2.6E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 21.95 ft (6.69 m) below TOC
Water elevation: 148.55 ft (45.28 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 50 gal

Time: 10:35
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Aldrin	<0.050	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	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	207	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	1,4-Dichlorobenzene	<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)	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	Endosulfan sulfate	<0.10	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	276	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	7,350	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,430	µg/L	GE
0	Sulfate	1,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE

WELL LFW 41 collected on 08/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total organic nitrogen	<100	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	4.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
2	Trichlorofluoromethane	44	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
1	Total radium	3.5E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/26/91
Depth to water: 20.03 ft (6.11 m) below TOC
Water elevation: 150.07 ft (45.74 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 55 gal

Time: 10:05
pH: 5.0
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	10	µS/cm	GE
0	Aldrin	<0.050	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	Benzene	<1.0	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	231	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	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,1-Dichloroethane	1.4	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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	Endosulfan sulfate	<0.10	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	282	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	7,370	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	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.1	µg/L	GE
0	Thallium	<2.0	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
1	Total organic halogens	36	µg/L	GE
0	Total organic nitrogen	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL LFW 42 collected on 08/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	23	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
2	Trichlorofluoromethane	69	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.0E-09	µCi/mL	GE
2	Total radium	5.4E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: 35.92 ft (10.95 m) below TOC
Water elevation: 167.08 ft (50.93 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 203 gal

Time: 9:50
pH: 6.4
Alkalinity: 11 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.6	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	3,150	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,560	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	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	247	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	880	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	903	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	3,040	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	56,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	50	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	1.4E-06 ± 1.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.6E-07 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL LFW 43C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: 35.02 ft (10.67 m) below TOC
Water elevation: 167.58 ft (51.08 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 104 gal

Time: 9:05
pH: 5.8
Alkalinity: 8 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	35	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	3,350	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,600	µg/L	GE
0	Chloride	1,600	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	4.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	442	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	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	7,750	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,520	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 dissolved solids	47,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	119	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.7E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: 34.23 ft (10.43 m) below TOC
Water elevation: 168.67 ft (51.41 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 72 gal

Time: 10:15
pH: 5.3
Alkalinity: 11 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE

WELL LFW 43D collected on 09/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	1,410	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	652	µg/L	GE
1	Manganese	32	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	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	6,250	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,190	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
1	Total organic halogens	32	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
2	Trichlorofluoromethane	40	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.0E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.0E-09 ± 1.2E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 44D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: 14.18 ft (4.32 m) below TOC
Water elevation: 156.12 ft (47.59 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 45 gal

Time: 11:20
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.4	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	369	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,910	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	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL LFW 44D collected on 09/02/91, 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)	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	344	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	Nitrate as nitrogen	400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	624	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	1,400	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	23,000	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)	<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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	4.6E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.4E-09 ± 1.2E-09	µCi/mL	GE
0	Tritium	3.2E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 45D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: 13.01 ft (3.97 m) below TOC
Water elevation: 153.29 ft (46.72 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 50 gal
Time: 12:00
pH: 5.0
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	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
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	548	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	<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	7.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	333	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL LFW 45D collected on 09/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	230	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	684	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,650	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	33,000	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	<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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-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	2.2E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 46D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: 13.25 ft (4.04 m) below TOC
Water elevation: 151.85 ft (46.28 m) msl
Sp. conductance: 92 µS/cm
Water evacuated before sampling: 39 gal
Time: 12:35
pH: 5.5
Alkalinity: 4 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	100	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	6,960	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)	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	3,740	µg/L	GE
0	Manganese	4.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	946	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,580	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,180	µg/L	GE
0	Sulfate	29,400	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	88,000	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)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 46D collected on 09/02/91, 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	3.9E-09 ± 2.3E-09	µCi/mL	GE
0	Total activity	3.2E-06 ± 1.2E-06	µCi/mL	EM
2	Total radium	5.0E-09 ± 2.1E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: 12.04 ft (3.67 m) below TOC
Water elevation: 149.36 ft (45.53 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 115 gal

Time: 14:20
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 18.5°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	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	729	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
2	Chloroethene (Vinyl chloride)	3.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	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)	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	1,000	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	420	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	553	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,640	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	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
2	Total organic halogens	64	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.1E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	2.0E-09 ± 1.4E-09	µCi/mL	GE
0	Tritium	5.0E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: 11.89 ft (3.62 m) below TOC
Water elevation: 149.81 ft (45.66 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 40 gal

Time: 14:40
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	25	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	1,460	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,490	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	767	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	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	647	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,140	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	749	µg/L	GE
0	Sulfate	4,880	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	<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
2	Trichlorofluoromethane	51	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-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.2E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: 19.70 ft (6.00 m) below TOC
Water elevation: 149.60 ft (45.60 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 110 gal

Time: 13:15
pH: 5.6
Alkalinity: 3 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	28	µS/cm	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

WELL LFW 48C collected on 09/02/91, 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	946	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,850	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	6.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	372	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	580	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	806	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	2,570	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	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 carbon	<1,000	µg/L	GE
2	Total organic halogens	95	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.7E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.7E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91
Depth to water: 19.30 ft (5.88 m) below TOC
Water elevation: 150.20 ft (45.78 m) msl
Sp. conductance: 342 µS/cm
Water evacuated before sampling: 42 gal
Time: 13:35
pH: 6.6
Alkalinity: 101 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
1	Specific conductance	270	µS/cm	GE
0	Arsenic	5.3	µg/L	GE
0	Barium	11	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	5,480	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	30,600	µg/L	GE
0	Chlorobenzene	2.0	µg/L	GE
2	Chloroethane	10	µg/L	GE
2	Chloroethene (Vinyl chloride)	114	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	86	µg/L	GE
1	1,2-Dichloroethane	4.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE

WELL LFW 48D collected on 09/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	20	µg/L	GE
0	Fluoride	222	µg/L	GE
2	Iron	25,000	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	9,100	µg/L	GE
1	Manganese	35	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	947	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,320	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	27,400	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	10	µg/L	GE
0	Total dissolved solids	170,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
2	Total organic halogens	339	µg/L	GE
2	Total organic halogens	331	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 2.1E-09	µCi/mL	GE
0	Total activity	1.6E-05 ± 1.9E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.6E-05 ± 6.0E-07	µCi/mL	GE

WELL LFW 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 9.17 ft (2.80 m) below TOC
Water elevation: 147.23 ft (44.88 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 140 gal
Time: 11:30
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	36	µS/cm	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	Calcium	867	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	Iron	9.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,160	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 55C collected on 09/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	970	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	7,690	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,760	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	27,000	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	8.2	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.0E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.5E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91 Time: 11:05
Depth to water: 8.08 ft (2.48 m) below TOC pH: 5.2
Water elevation: 147.32 ft (44.90 m) msl Alkalinity: 1 mg/L
Sp. conductance: 22 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	23	µS/cm	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	862	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	471	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	280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	644	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,350	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,220	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	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 organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL LFW 55D collected on 09/03/91, 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	2.1E-09 ± 1.9E-09	µCi/mL	GE
0	Total activity	5.0E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91 Time: 12:15
Depth to water: 12.28 ft (3.74 m) below TOC pH: 5.1
Water elevation: 145.82 ft (44.45 m) msl Alkalinity: 2 mg/L
Sp. conductance: 15 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	18	µS/cm	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	399	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,650	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	327	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	Nitrate as nitrogen	82	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	6,130	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,070	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
0	Total organic halogens	13	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
2	Trichlorofluoromethane	57	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.9E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.5E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 57B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91 — Time: 10:20
Depth to water: 21.17 ft (6.45 m) below TOC — pH: 4.7
Water elevation: 144.23 ft (43.96 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 49 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 200 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	49	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	1,640	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)	<1.0	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	147	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	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	10,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,060	µg/L	GE
0	Sulfate	13,200	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	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)	<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	4.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.1E-09 ± 2.1E-09	µCi/mL	GE
0	Total activity	2.2E-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 LFW 57C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91 — Time: 9:25
Depth to water: 20.63 ft (6.29 m) below TOC — pH: 5.7
Water elevation: 144.37 ft (44.00 m) msl — Alkalinity: 5 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 97 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	37	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	Bromide	<1,000	µg/L	GE

WELL LFW 57C collected on 09/03/91, 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	1,180	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,040	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	Dibromochloromethane	<1.0	µg/L	GE
1	1,1-Dichloroethane	6.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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	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	39	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	1,180	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	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	7,350	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,680	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	2,000	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)	<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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 1.6E-09	µCi/mL	GE
0	Total activity	4.0E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.7E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91 — Time: 9:45
Depth to water: 20.44 ft (6.23 m) below TOC — pH: 5.6
Water elevation: 144.36 ft (44.00 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 38 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	6.4	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	1,010	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	4.0	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 57D collected on 09/03/91, 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-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	734	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	<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	5,530	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,360	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	25	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 1.8E-09	µCi/mL	GE
0	Total activity	3.9E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.1E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 24.98 ft (7.61 m) below TOC
Water elevation: 142.62 ft (43.47 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 41 gal
Time: 12:50
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.9	µg/L	GE
0	Benzene	<5.0	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	GE
0	Bromoform	<5.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,050	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	GE
0	Chloride	3,260	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	GE
0	Chloroethane	<5.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<5.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	GE
2	1,1-Dichloroethane	12	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0	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	<5.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	419	µg/L	GE
1	Manganese	26	µg/L	GE
0	Mercury	0.90	µg/L	GE

WELL LFW 58D collected on 09/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	80	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	8,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,060	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	GE
0	Toluene	<5.0	µg/L	GE
0	Total dissolved solids	69,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	59	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	14	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	GE
2	Trichloroethylene	5.0	µg/L	GE
2	Trichlorofluoromethane	145	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 1.7E-09	µCi/mL	GE
0	Total activity	4.3E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.6E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	2.6E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 59B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 24.42 ft (7.44 m) below TOC
Water elevation: 143.68 ft (43.79 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 205 gal
Time: 10:30
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.3	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	1,550	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	457	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	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	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,890	µg/L	GE
0	Sulfate	9,600	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	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)	<100	µg/L	GE

WELL LFW 59B collected on 09/04/91, 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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 1.9E-09	µCi/mL	GE
0	Total activity	1.4E-06 ± 1.1E-06	µCi/mL	EM
1	Total radium	3.9E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL LFW 59C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 24.02 ft (7.32 m) below TOC
Water elevation: 143.28 ft (43.67 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 143 gal
Time: 10:50
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	42	µS/cm	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	1,170	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	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)	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
0	Iron	64	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	981	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	1,080	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	9,180	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,650	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 dissolved solids	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	66	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	2,4,5-TP (Silvex)	<0.090	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	7.0	µg/L	GE
1	Trichlorofluoromethane	6.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.0E-09	µCi/mL	GE
0	Total activity	8.6E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	2.2E-09 ± 2.6E-09	µCi/mL	GE
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL LFW 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 23.10 ft (7.04 m) below TOC
Water elevation: 144.50 ft (44.04 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 41 gal
Time: 11:20
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	33	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	948	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,100	µg/L	GE
0	Chloride	5,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
1	Chloroethane	6.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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
2	1,1-Dichloroethane	20	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
1	1,1-Dichloroethylene	6.0	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	Iron	53	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	815	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	<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	10,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,260	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	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	170	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	39	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	28	µg/L	GE
2	Trichlorofluoromethane	47	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09 ± 1.8E-09	µCi/mL	GE
0	Total activity	4.5E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.7E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 18.30 ft (5.58 m) below TOC
Water elevation: 138.80 ft (42.31 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.
Time: 9:10
pH: 6.4
Alkalinity: 22 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 60D collected on 09/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Barium	7.5	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	2,530	µg/L	GE
0	Carbon tetrachloride	1.0	µg/L	GE
0	Chloride	3,040	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
2	Chloromethane (Methyl chloride)	22	µg/L	GE
0	Chromium	<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)	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	72	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	458	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	220	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	599	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	9,170	µg/L	GE
0	Sulfate	2,810	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	40,000	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)	<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	13	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
2	Trichlorofluoromethane	90	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-06 ± 1.5E-06	µCi/mL	EM
0	Total radium	1.8E-09 ± 2.3E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL LFW 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 25.40 ft (7.74 m) below TOC
Water elevation: 142.90 ft (43.56 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 84 gal

Time: 9:15
pH: 5.5
Alkalinity: 3 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.6	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	1,410	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,780	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
2	Chloroethane	11	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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

WELL LFW 61C collected on 09/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	1,1-Dichloroethane	8.0	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)	25	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	4.3	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	23	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	740	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	922	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,890	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,790	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	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	191	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	22	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	GE
2	Trichlorofluoromethane	250	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.7E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 22.66 ft (6.91 m) below TOC
Water elevation: 145.64 ft (44.39 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 42 gal

Time: 9:35
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.7	µg/L	GE
0	Benzene	<10	µg/L	GE
0	Bromide	<1,000	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	<2.0	µg/L	GE
0	Calcium	390	µg/L	GE
0	Carbon tetrachloride	<10	µg/L	GE
0	Chloride	2,960	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	<4.0	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)	30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<10	µg/L	GE
0	trans-1,3-Dichloropropene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<10	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	607	µg/L	GE
0	Manganese	<2.0	µg/L	GE

WELL LFW 61D collected on 09/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<2.0	µg/L	GE
0	Silica	8,420	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,790	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<10	µg/L	GE
2	Tetrachloroethylene	20	µg/L	GE
0	Toluene	<10	µg/L	GE
0	Total dissolved solids	25,000	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	224	µg/L	GE
2	Total organic halogens	235	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	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	90	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
0	Trichloroethylene	<10	µg/L	GE
2	Trichlorofluoromethane	310	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 1.9E-09	µCi/mL	GE
0	Total activity	5.6E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.1E-09 ± 2.3E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL LFW 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 22.09 ft (6.73 m) below TOC
Water elevation: 142.81 ft (43.53 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 211 gal

Time: 12:10
pH: 5.4
Alkalinity: 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	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	Calcium	682	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)	<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	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	219	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	580	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	515	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	5,430	µg/L	GE
0	Sulfate	6,340	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

WELL LFW 62B collected on 09/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	10	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	1.5E-06 ± 1.1E-06	µCi/mL	EM
1	Total radium	3.5E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL LFW 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 22.02 ft (6.71 m) below TOC
Water elevation: 143.48 ft (43.73 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 93 gal

Time: 12:35
pH: 5.6
Alkalinity: 1 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.1	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	1,240	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	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)	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	731	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	1,600	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	7,670	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 dissolved solids	30,000	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)	<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
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	4.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 1.7E-09	µCi/mL	GE
0	Total activity	5.7E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.8E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL LFW 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91 — Time: 9:30
Depth to water: 20.18 ft (6.15 m) below TOC — pH: 5.1
Water elevation: 144.62 ft (44.08 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 12 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	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	655	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,830	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	386	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	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	8,050	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,510	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	8,000	µg/L	GE
0	Total dissolved solids	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	380	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	2,4,5-TP (Silvex)	<0.090	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	11	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-06 ± 1.4E-06	µCi/mL	EM
0	Total radium	1.2E-09 ± 2.2E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL LRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 7:35
Depth to water: 43.58 ft (13.28 m) below TOC — pH: 4.7
Water elevation: 209.32 ft (63.80 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	14	µg/L	GE

WELL LRP 1 collected on 09/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	6.5	µg/L	GE
0	Manganese	15	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL LRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 7:50
Depth to water: 46.20 ft (14.08 m) below TOC — pH: 4.9
Water elevation: 210.50 ft (64.16 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 68 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	5.4	µg/L	GE
2	Lead	49	µg/L	GE
0	Manganese	15	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL LRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 8:15
Depth to water: 48.69 ft (14.84 m) below TOC — pH: 4.9
Water elevation: 209.51 ft (63.86 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	21	µg/L	GE
0	Manganese	14	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL LRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 8:35
Depth to water: 46.97 ft (14.32 m) below TOC — pH: 4.7
Water elevation: 208.63 ft (63.59 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 92 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL LSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 17.75 ft (5.41 m) below TOC
Water elevation: 214.95 ft (65.52 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 60 gal
Time: 12:30
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 25.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Lead	16	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-03 ± 4.3E-05	µCi/mL	EM
2	Tritium	3.2E-03 ± 8.1E-06	µCi/mL	GE

WELL LSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 19.78 ft (6.03 m) below TOC
Water elevation: 215.42 ft (65.66 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 56 gal
Time: 12:45
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Lead	10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.4E-09 ± 1.8E-09	µCi/mL	GE
0	Tritium	5.1E-06 ± 3.0E-07	µCi/mL	GE

WELL LSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 15.99 ft (4.87 m) below TOC
Water elevation: 220.41 ft (67.18 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 64 gal
Time: 13:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 24.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Lead	5.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 1.7E-09	µCi/mL	GE
2	Tritium	2.6E-05 ± 7.0E-07	µCi/mL	GE

WELL LSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 15.99 ft (4.87 m) below TOC
Water elevation: 220.41 ft (67.18 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 64 gal
Time: 13:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 24.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Lead	6.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Tritium	3.9E-05 ± 9.0E-07	µCi/mL	GE

WELL LSB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 10.52 ft (3.21 m) below TOC
Water elevation: 220.98 ft (67.36 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 76 gal
Time: 13:35
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 25.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE

WELL LSB 4 collected on 09/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total activity	5.0E-04 ± 1.9E-05	µCi/mL	EM
2	Tritium	5.1E-04 ± 3.2E-06	µCi/mL	GE

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 108.01 ft (32.92 m) below TOC
Water elevation: 220.39 ft (67.18 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.
Time: 7:10
pH: 6.0
Alkalinity: 10 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,370	µg/L	GE
0	Carbon tetrachloride	1.4	µg/L	GE
0	Chloride	1,730	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	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	Lithium	<5.0	µg/L	GE
0	Magnesium	257	µg/L	GE
0	Manganese	6.0	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	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	Silica	8,550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,220	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	2.5	µg/L	GE
2	Tetrachloroethylene	6.2	µg/L	MA
0	Total dissolved solids	28,000	µg/L	GE
0	Total dissolved solids	24,000	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	61	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	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	19	µg/L	GE
2	Trichloroethylene	21	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.1E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 130.59 ft (39.80 m) below TOC
Water elevation: 219.81 ft (67.00 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.
Time: 8:15
pH: 5.1
Alkalinity: 6 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	544	µg/L	GE
1	Carbon tetrachloride	4.8	µg/L	GE
0	Chloride	1,630	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

ANALYTICAL RESULTS

WELL MCB 4 collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	6.2	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	128	µg/L	GE
0	Manganese	5.8	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	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	6,960	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,250	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	32	µg/L	GE
2	Tetrachloroethylene	36	µg/L	MA
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	77	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	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	MA
2	Trichloroethylene	79	µg/L	GE
2	Trichloroethylene	102	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.4E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 143.86 ft (43.85 m) below TOC
Water elevation: 195.24 ft (59.51 m) msl
Sp. conductance: 2494 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 7:35
pH: 12.3
Alkalinity: 1291 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	13	pH	GE
1	Specific conductance	455	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	1,150	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	285,000	µg/L	GE
1	Carbon tetrachloride	4.7	µg/L	GE
0	Chloride	760	µg/L	GE
0	Chloroform	1.6	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	25	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-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	103	µg/L	GE
0	Iron	36	µg/L	GE
1	Lead	13	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
2	Lithium	1,590	µg/L	GE
0	Magnesium	19	µg/L	GE
0	Manganese	9.4	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	<10	µg/L	GE
0	Potassium	239,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,050	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	107,000	µg/L	GE
0	Sulfate	1,400	µg/L	GE
2	Tetrachloroethylene	24	µg/L	GE
2	Tetrachloroethylene	36	µg/L	MA
0	Total dissolved solids	1.2E+06	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	256	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	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	245	µg/L	GE
2	Trichloroethylene	295	µg/L	MA

WELL MCB 5C collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 3.3E-09	µCi/mL	GE
2	Total radium	1.0E-08 ± 4.9E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 115.36 ft (35.16 m) below TOC
Water elevation: 216.74 ft (66.06 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.

Time: 6:20
pH: 5.7
Alkalinity: 8 mg/L
Water temperature: 23.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.4	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,010	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,580	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	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	Lithium	<5.0	µg/L	GE
0	Magnesium	209	µg/L	GE
2	Manganese	83	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	270	µg/L	GE
0	Phenols	5.4	µg/L	GE
0	Phenols	5.4	µg/L	GE
0	Potassium	701	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	1,600	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	25,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
2	Total organic halogens	61	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	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Trichloroethylene	2.6	µg/L	GE
0	Trichloroethylene	2.2	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91
Depth to water: 139.54 ft (42.53 m) below TOC
Water elevation: 192.56 ft (58.69 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 90 gal

Time: 11:15
pH: 6.7
Alkalinity: 29 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	50	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	4,470	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,470	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 MCB 6C collected on 08/13/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethylene	<1.0	µg/L	MA
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	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lithium	5.9	µg/L	GE
0	Magnesium	269	µg/L	GE
1	Manganese	30	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	710	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,060	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	2,890	µg/L	GE
0	Sulfate	3,080	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	76,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	116	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	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.1	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.2E-09 ± 2.2E-09	µCi/mL	GE
1	Total radium	4.0E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 Time: 11:15
Depth to water: 139.54 ft (42.53 m) below TOC pH: 6.7
Water elevation: 192.56 ft (58.69 m) msl Alkalinity: 29 mg/L
Sp. conductance: 84 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 90 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	55	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	4,340	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,440	µg/L	GE
0	Chloroform	<1.0	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	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	Lithium	5.8	µg/L	GE
0	Magnesium	273	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,010	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	31,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,930	µg/L	GE
0	Sulfate	3,140	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	58,000	µg/L	GE
0	Total dissolved solids	62,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	34	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL MCB 6C collected on 08/13/91, 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	1,1,1-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	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.1E-09	µCi/mL	GE
2	Total radium	8.7E-09 ± 4.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MGA 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 11:05
The well was dry.

WELL MGC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 10:00
Depth to water: 54.20 ft (16.52 m) below TOC pH: 6.4
Water elevation: 229.90 ft (70.07 m) msl
Sp. conductance: 251 µS/cm Water temperature: 22.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.1E-09 ± 6.8E-09	µCi/mL	GE
0	Nonvolatile beta	1.7E-08 ± 1.6E-08	µCi/mL	GE
0	Total activity	6.0E-03 ± 5.7E-05	µCi/mL	EM
2	Tritium	4.7E-03 ± 9.6E-06	µCi/mL	GE

WELL MGC 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 10:30
The well was dry.

WELL MGC 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 10:40
Depth to water: 53.50 ft (16.31 m) below TOC pH: 6.7
Water elevation: 233.10 ft (71.05 m) msl
Sp. conductance: 230 µS/cm Water temperature: 21.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.1E-09 ± 1.5E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.2E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 6.0E-07	µCi/mL	GE

WELL MGC 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 10:50
The well was dry.

ANALYTICAL RESULTS

WELL MGC 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 10:55
Depth to water: 52.20 ft (15.91 m) below TOC pH: 5.6
Water elevation: 245.80 ft (74.92 m) msl
Sp. conductance: 59 µS/cm Water temperature: 22.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	1.6E-08 ± 9.8E-09	µCi/mL	GE
0	Nonvolatile beta	1.5E-08 ± 1.6E-08	µCi/mL	GE
0	Total activity	1.7E-02 ± 9.4E-05	µCi/ml	EM
2	Tritium	1.3E-02 ± 1.6E-05	µCi/mL	GE

WELL MGC 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 11:10
Depth to water: 59.20 ft (18.04 m) below TOC pH: 7.2
Water elevation: 237.40 ft (72.36 m) msl
Sp. conductance: 36 µS/cm Water temperature: 25.4°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	7.5E-09 ± 7.7E-09	µCi/mL	GE
0	Nonvolatile beta	7.4E-09 ± 1.5E-08	µCi/mL	GE
0	Total activity	9.0E-03 ± 6.9E-05	µCi/mL	EM
2	Tritium	6.9E-03 ± 1.2E-05	µCi/mL	GE

WELL MGE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 10:15
Depth to water: 54.00 ft (16.46 m) below TOC pH: 6.8
Water elevation: 229.60 ft (69.98 m) msl
Sp. conductance: 135 µS/cm Water temperature: 23.5°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	5.8E-09 ± 2.0E-09	µCi/mL	GE
1	Nonvolatile beta	3.1E-08 ± 4.2E-09	µCi/mL	GE
0	Total activity	9.9E-06 ± 1.2E-05	µCi/mL	EM
0	Tritium	8.7E-06 ± 4.0E-07	µCi/mL	GE

WELL MGE 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 12:05
The well was dry.

WELL MGE 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 11:40
Depth to water: 44.50 ft (13.56 m) below TOC pH: 6.2
Water elevation: 237.70 ft (72.45 m) msl
Sp. conductance: 55 µS/cm Water temperature: 23.8°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.1E-09	µCi/mL	GE
2	Tritium	1.6E-04 ± 1.8E-06	µCi/mL	GE

WELL MGE 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 11:30
The well was dry.

WELL MGG 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 12:20
The well was dry.

WELL MGG 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 12:10
The well was dry.

WELL MGG 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 11:55
Depth to water: 40.20 ft (12.25 m) below TOC pH: 6.7
Water elevation: 237.60 ft (72.42 m) msl
Sp. conductance: 454 µS/cm Water temperature: 24.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

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	1.3E-04 ± 1.4E-05	µCi/ml	EM
2	Tritium	1.1E-04 ± 1.5E-06	µCi/mL	GE

WELL MGG 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 11:50
The well was dry.

WELL MGG 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 11:20
Depth to water: 53.20 ft (16.22 m) below TOC pH: 7.3
Water elevation: 238.00 ft (72.54 m) msl
Sp. conductance: 53 µS/cm Water temperature: 23.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	3.7E-08 ± 1.4E-08	µCi/mL	GE
1	Nonvolatile beta	4.4E-08 ± 1.9E-08	µCi/mL	GE
0	Total activity	3.0E-02 ± 6.1E-04	µCi/mL	EM
2	Tritium	2.5E-02 ± 2.2E-05	µCi/mL	GE

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 Time: 12:20
Depth to water: 139.61 ft (42.55 m) below TOC pH: 5.2
Water elevation: 215.19 ft (65.59 m) msl Alkalinity: 3 mg/L
Sp. conductance: 27 µS/cm Water temperature: 20.7°
Water evacuated before sampling: 197 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 10	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	< 0.050	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE

WELL MSB 1B collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Aramite	<10	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,420	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	2,260	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	<0.10	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	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)	<1.0	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	<20	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

WELL MSB 1B collected on 07/27/91, 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	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	Magnesium	360	µg/L	GE
0	Manganese	14	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	<1.0	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	1,080	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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

ANALYTICAL RESULTS

WELL MSB 1B collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Picoline	<10	µg/L	GE
0	Potassium	610	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	Selenium	<2.0	µg/L	GE
0	Silica	9,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,320	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	64,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	166	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	1,2,4-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
2	Trichloroethylene	425	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	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	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	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: 139.61 ft (42.55 m) below TOC
Water elevation: 215.19 ft (65.59 m) msl
Spc. conductance: 27 µS/cm
Water evacuated before sampling: 197 gal
Time: 12:20
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 20.7°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	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	6.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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

WELL MSB 1B collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,420	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	2,210	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	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	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	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1.0	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	<20	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	<0.10	µg/L	GE
0	1,2-Dichloropropane	<1.0	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	<0.050	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	<40	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	<0.050	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	<10	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00050	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00050	µg/L	GE

WELL MSB 1B collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	< 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	Iron	< 40	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	371	µg/L	GE
0	Manganese	14	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-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	1,130	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	< 0.010	µg/L	GE
0	Parathion methyl	< 0.050	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	< 1.0	µg/L	GE
0	PCB 1260	< 1.0	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.0010.5	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.0010.5	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.0010.55	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	559	µg/L	GE
0	Pronamide	< 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	Selenium	< 2.0	µg/L	GE
0	Silica	9,190	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,290	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

WELL MSB 1B collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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
2	Total organic halogens	290	µg/L	LC
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	1,2,4-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
2	Trichloroethylene	400	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	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	12	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-08	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91 — Time: 8:20
Depth to water: 134.77 ft (41.06 m) below TOC — pH: 11.7
Water elevation: 220.33 ft (67.16 m) msl — Alkalinity: 0.33 meq/L
Sp. conductance: 2490 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 29 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	2,150	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	25	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 1.0	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	< 0.050	µg/L	GE
0	Allyl chloride	< 5.0	µg/L	GE
2	Aluminum	1,800	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
1	Antimony	4.3	µg/L	GE
0	Aramite	< 1	µg/L	E
0	Arsenic	2.6	µg/L	E
0	Barium	2.8	µg/L	E
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	delta-Benzene hexachloride	< 0.010	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	E
0	Benzo[a]pyrene	< 10	µg/L	E
0	Benzo[b]fluoranthene	< 10	µg/L	E
0	Benzo[g,h,i]perylene	< 10	µg/L	E
0	Benzo[k]fluoranthene	< 10	µg/L	E
0	Benzyl alcohol	< 10	µg/L	E
0	Beryllium	< 5.0	µg/L	GE
0	Bis(2-chloroisopropyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	E
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	12	µg/L	E
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	E
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	E
0	4-Bromophenyl phenyl ether	< 10	µg/L	E
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	E
0	Cadmium	< 2.0	µg/L	E
0	Calcium	59,600	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

ANALYTICAL RESULTS

WELL MSB 1C collected on 07/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,280	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	8.3	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.4	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	<0.10	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	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)	<1.0	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	<20	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	161	µg/L	GE
0	Fluoride	142	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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

WELL MSB 1C collected on 07/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<[illegible]	µg/L	GE
1	Lead	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	89	µg/L	GE
0	Manganese	7.4	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	<1.0	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
1	Nitrate as nitrogen	8,200	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	8.0	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	33,500	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	Selenium	<2.0	µg/L	GE
0	Silica	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	67,200	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	9,150	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	65	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	15	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	727,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE

WELL MSB 1C collected on 07/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Total organic halogens	80	µg/L	LC
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	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
2	Trichloroethylene	41	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	Uranium	<1,000	µg/L	GE
0	Vanadium	26	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	20	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.9E-09 ± 2.3E-09	µCi/mL	GE
2	Total radium	1.0E-08 ± 4.6E-09	µCi/mL	GE
0	Tritium	4.9E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: 134.57 ft (41.02 m) below TOC
Water elevation: 220.33 ft (67.16 m) msl
Sp. conductance: 194 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 8:40
pH: 6.6
Alkalinity: 39 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	150	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,500	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	4,200	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

WELL MSB 1CC collected on 07/28/91, 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	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	<0.10	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	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)	<1.0	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	<20	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	2.0	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<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	Iron	1,300	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	1,660	µg/L	GE
2	Manganese	100	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 1CC collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	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	42	µg/L	GE
2	Nitrate as nitrogen	10,200	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	1,540	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	Selenium	<2.0	µg/L	GE
0	Silica	8,990	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	25,000	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,590	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
2	Tetrachloroethylene	26	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	143,000	µg/L	GE
0	Total dissolved solids	137,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	50	µg/L	LC
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	1,2,4-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	34	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

WELL MSB 1CC collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	88	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.0E-08	µCi/mL	GE
1	Total radium	2.6E-09 ± 2.8E-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 MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 Time: 13:00
Depth to water: 126.50 ft (38.56 m) below TOC pH: 5.6
Water elevation: 228.40 ft (69.62 m) msl Alkalinity: 10 mg/L
Sp. conductance: 62 µS/cm Water temperature: 22.2°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	50	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,440	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	2,250	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	7.4	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	<0.10	µg/L	GE

WELL MSB 1D collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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)	<1.0	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	<20	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	6.8	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	694	µg/L	GE
2	Manganese	64	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	<1.0	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

WELL MSB 1D collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	4.4	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	745	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	Selenium	<2.0	µg/L	GE
0	Silica	8,690	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,270	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,170	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	8.0	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	55,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	13	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	1,2,4-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
2	Trichloroethylene	21	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	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	75	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	1.5E-06 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91 — Time: 13:25
Depth to water: 145.78 ft (44.43 m) below TOC — pH: 11.5
Water elevation: 208.84 ft (63.68 m) msl — Alkalinity: 510 mg/L
Sp. conductance: 2050 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 30 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,950	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
2	Aluminum	1,470	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
1	Antimony	3.6	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	140	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	49,200	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	880	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	9.3	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	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)	<1.0	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	<20	µg/L	GE

WELL MSB 2B collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Dichloroethane (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	175	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	12	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	9.6	µg/L	GE
0	Manganese	6.0	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	92	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	1,830	µg/L	GE
0	Nitrate as nitrogen	1,830	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

WELL MSB 2B collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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
1	Phenols	37	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	149,000	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	Selenium	<2.0	µg/L	GE
0	Silica	8,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	85,800	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	10,900	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	62	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	10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	532,000	µg/L	GE
0	Total dissolved solids	536,000	µg/L	GE
2	Total organic carbon	12,000	µg/L	GE
2	Total organic halogens	2,400	µg/L	LC
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	1,2,4-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
2	Trichloroethylene	2,250	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	Uranium	<1,000	µg/L	GE
0	Vanadium	13	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	4.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.2E-07 ± 2.6E-08	µCi/mL	GE
1	Total radium	3.2E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	9.4E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91 Time: 13:50
Depth to water: 138.80 ft (42.31 m) below TOC pH: 10.6
Water elevation: 215.90 ft (65.81 m) msl Alkalinity: 80 mg/L
Sp. conductance: 430 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	360	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1,000	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1,000	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20,000	µg/L	GE
0	Acrylonitrile	<20,000	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<50,000	µg/L	GE
0	Aluminum	34	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
1	Antimony	3.9	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	70	µg/L	GE
0	Benzene	<1,000	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<10,000	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	<1,000	µg/L	GE
0	Bromoform	<1,000	µg/L	GE
0	Bromomethane (Methyl bromide)	<1,000	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,680	µg/L	GE
0	Carbon disulfide	<1,000	µg/L	GE
0	Carbon tetrachloride	<1,000	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	1,300	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1,000	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1,000	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1,000	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1,000	µg/L	GE
0	Chloromethane (Methyl chloride)	<1,000	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	<200,000	µg/L	GE
0	Chromium	8.5	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	<0.10	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	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	<1,000	µg/L	GE
0	Dibromochloromethane	<1,000	µg/L	GE
0	1,2-Dibromoethane	<20,000	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1,000	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30,000	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 2C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<1,000	µg/L	GE
0	1,2-Dichloroethane	<1,000	µg/L	GE
0	1,1-Dichloroethylene	<1,000	µg/L	GE
0	trans-1,2-Dichloroethylene	<1,000	µg/L	GE
0	Dichloromethane (Methylene chloride)	2,000	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	<1,000	µg/L	GE
0	trans-1,3-Dichloropropene	<1,000	µg/L	GE
0	cis-1,3-Dichloropropene	<1,000	µg/L	GE
0	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	<1,000	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<1,000	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl Iodide)	<15,000	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<100,000	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	199	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50,000	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1,000	µg/L	GE
0	Methyl isobutyl ketone	<1,000	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
1	Nitrate as nitrogen	7,800	µg/L	GE
1	Nitrate as nitrogen	7,800	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

WELL MSB 2C collected on 08/04/91, 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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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
1	Phenols	29	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	22,000	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	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	36,300	µg/L	GE
0	Styrene	<1,000	µg/L	GE
0	Sulfate	14,000	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	<1,000	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1,000	µg/L	GE
2	Tetrachloroethylene	14,000	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	<1,000	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	577,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	200,000	µg/L	LC
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	1,2,4-Trichlorobenzene	<10	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	64,000	µg/L	GE
0	Trichlorofluoromethane	<1,000	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	<20,000	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	<1,000	µg/L	GE
0	Xylenes	<1,000	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	2.9E-08 ± 6.9E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 1.6E-08	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91 — Time: 8:25
Depth to water: 124.69 ft (38.01 m) below TOC — pH: 4.7
Water elevation: 229.11 ft (69.83 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 62 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 4½ gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<25	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<25	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<500	µg/L	GE
0	Acrylonitrile	<500	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<1,250	µg/L	GE
1	Aluminum	103	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	30	µg/L	GE
0	Benzene	<25	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<250	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	<25	µg/L	GE
0	Bromoform	<25	µg/L	GE
0	Bromomethane (Methyl bromide)	<25	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,270	µg/L	GE
0	Carbon disulfide	<25	µg/L	GE
0	Carbon tetrachloride	<25	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	2 920	µg/L	GE
0	Chloride	3,000	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<25	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<25	µg/L	GE
0	Chloroethene (Vinyl chloride)	<25	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<25	µg/L	GE
0	Chloromethane (Methyl chloride)	<25	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	<5,000	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	7.6	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	<0.10	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	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	<25	µg/L	GE
0	Dibromochloromethane	<25	µg/L	GE
0	1,2-Dibromoethane	<500	µg/L	GE
0	Dibromomethane (Methylene bromide)	<25	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<750	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	<20	µg/L	GE

WELL MSB 2D collected on 08/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dichlorodifluoromethane	<25	µg/L	GE
0	1,1-Dichloroethane	<25	µg/L	GE
0	1,2-Dichloroethane	<25	µg/L	GE
0	1,1-Dichloroethylene	<25	µg/L	GE
0	trans-1,2-Dichloroethylene	<25	µg/L	GE
0	Dichloromethane (Methylene chloride)	50	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	<25	µg/L	GE
0	trans-1,3-Dichloropropene	<25	µg/L	GE
0	cis-1,3-Dichloropropene	<25	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	<25	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<25	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<375	µg/L	GE
0	Iron	89	µg/L	GE
0	Isobutyl alcohol	<2,500	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	1,300	µg/L	GE
2	Manganese	54	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<1,250	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<25	µg/L	GE
0	Methyl isobutyl ketone	<25	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	4,400	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

ANALYTICAL RESULTS

WELL MSB 2D collected on 08/02/91, 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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<5,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,610	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Styrene	<25	µg/L	GE
0	Sulfate	2,590	µg/L	GE
0	Sulfate	2,600	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	<25	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<25	µg/L	GE
2	Tetrachloroethylene	1,630	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
2	Thallium	3.2	µg/L	GE
0	Thionazin	<10	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<25	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	55,000	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<25	µg/L	GE
0	1,1,2-Trichloroethane	<25	µg/L	GE
2	Trichloroethylene	900	µg/L	GE
0	Trichlorofluoromethane	<25	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	<500	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	<25	µg/L	GE
0	Xylenes	<25	µg/L	GE
0	Zinc	21	µg/L	GE
0	Gross alpha	2.9E-09 ± 1.6E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 2.1E-09	µCi/mL	GE
2	Total radium	8.2E-09 ± 4.6E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/02/91 Time: 7:45
Depth to water: 152.11 ft (46.36 m) below TOC pH: 5.2
Water elevation: 208.89 ft (63.67 m) msl Alkalinity: 4 mg/L
Sp. conductance: 24 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 178 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	7.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,450	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	2,420	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	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	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)	<1.0	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

WELL MSB 3B collected on 08/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	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	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-HPCDF	<0.00045	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	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	1,2,3,4,7,8-HXCDD	<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-HXCDF	<0.00040	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	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	Iron	<40	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	327	µg/L	GE
0	Manganese	21	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	<1.0	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

WELL MSB 3B collected on 08/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	490	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.	µg/L	GE
0	PCB 1260	<1.0	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	Phenols	<5.0	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	515	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	Selenium	<2.0	µg/L	GE
0	Silica	9,140	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,070	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-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
2	Tetrachloroethylene	34	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 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	544	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	1,2,4-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
2	Trichloroethylene	1,180	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	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	7.5	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 3B collected on 08/02/91, 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	1.7E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91
Depth to water: 142.43 ft (43.41 m) below TOC
Water elevation: 218.37 ft (66.56 m) msl
Sp. conductance: 1920 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 11:35
pH: 11.5
Alkalinity: 454 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,850	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<250	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<250	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<5,000	µg/L	GE
0	Acrylonitrile	<5,000	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<12,500	µg/L	GE
2	Aluminum	598	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
1	Antimony	4.7	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	348	µg/L	GE
0	Benzene	<250	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<2,500	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	<250	µg/L	GE
0	Bromoform	<250	µg/L	GE
0	Bromomethane (Methyl bromide)	<250	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	115,000	µg/L	GE
0	Carbon disulfide	<250	µg/L	GE
0	Carbon tetrachloride	<250	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	2,800	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<250	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<250	µg/L	GE
0	Chloroethene (Vinyl chloride)	<250	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<250	µg/L	GE
0	Chloromethane (Methyl chloride)	<250	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	<50,000	µg/L	GE
0	Chromium	10	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	<0.10	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	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE

WELL MSB 3C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dibromo-3-chloropropane	<250	µg/L	GE
0	Dibromochloromethane	<250	µg/L	GE
0	1,2-Dibromoethane	<5,000	µg/L	GE
0	Dibromomethane (Methylene bromide)	<250	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<7,500	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<250	µg/L	GE
0	1,1-Dichloroethane	<250	µg/L	GE
0	1,2-Dichloroethane	<250	µg/L	GE
0	1,1-Dichloroethylene	<250	µg/L	GE
0	trans-1,2-Dichloroethylene	<250	µg/L	GE
0	Dichloromethane (Methylene chloride)	250	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	<250	µg/L	GE
0	trans-1,3-Dichloropropene	<250	µg/L	GE
0	cis-1,3-Dichloropropene	<250	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	<250	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	206	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<250	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<3,750	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<25,000	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	22	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<12,500	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<250	µg/L	GE
0	Methyl isobutyl ketone	<250	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

WELL MSB 3C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	6,800	µg/L	GE
1	Nitrate as nitrogen	6,800	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	9.4	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	71,100	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<50,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,860	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	61,200	µg/L	GE
0	Styrene	<250	µg/L	GE
0	Sulfate	4,630	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	<250	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<250	µg/L	GE
0	Tetrachloroethylene	<250	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	<250	µg/L	GE
0	o Toluidine	<10	µg/L	GE
0	Total dissolved solids	213,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
2	Total organic halogens	18,000	µg/L	LC
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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<250	µg/L	GE
0	1,1,2-Trichloroethane	<250	µg/L	GE
0	Trichloroethylene	<250	µg/L	GE
0	Trichlorofluoromethane	<250	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	<5,000	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	<250	µg/L	GE
0	Xylenes	<2,500	µg/L	GE
0	Zinc	4.2	µg/L	GE
0	Gross alpha	2.1E-09 ± 1.0E-08	µCi/mL	GE
1	Nonvolatile beta	4.6E-08 ± 1.9E-08	µCi/mL	GE
2	Total radium	6.9E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	8.6E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 16:00
Depth to water: 130.58 ft (39.80 m) below TOC
Water elevation: 229.92 ft (70.08 m) msl
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<100,000	µg/L	GE
0	Acenaphthylene	<100,000	µg/L	GE
0	Acetone	<2.5E+07	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<2.5E+07	µg/L	GE
0	Acetophenone	<100,000	µg/L	GE
0	2-Acetylaminofluorene	<100,000	µg/L	GE
0	Acrolein	<5.0E+08	µg/L	GE
0	Acrylonitrile	<5.0E+08	µg/L	GE
0	Allyl chloride	<1.3E+09	µg/L	GE
0	4-Aminobiphenyl	<100,000	µg/L	GE
0	Aniline	<100,000	µg/L	GE
0	Anthracene	<100,000	µg/L	GE
0	Antimony	<77	µg/L	GE
0	Aramite	<100,000	µg/L	GE
0	Arsenic	<77	µg/L	GE
0	Barium	<115	µg/L	GE
0	Benzene	<2.5E+07	µg/L	GE
0	Benzo[a]anthracene	<100,000	µg/L	GE
0	Benzo[a]pyrene	<100,000	µg/L	GE
0	Benzo[b]fluoranthene	<100,000	µg/L	GE
0	Benzo[g,h,i]perylene	<100,000	µg/L	GE
0	Benzo[k]fluoranthene	<100,000	µg/L	GE
0	Benzyl alcohol	<100,000	µg/L	GE
0	Beryllium	<192	µg/L	GE
0	Bis(2-chloroisopropyl)ether	<2.5E+08	µg/L	GE
0	Bis(2-chloroethoxy) methane	<100,000	µg/L	GE
0	Bis(2-chloroethyl) ether	<100,000	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<100,000	µg/L	GE
0	Bromodichloromethane	<2.5E+07	µg/L	GE
0	Bromoform	<2.5E+07	µg/L	GE
0	Bromomethane (Methyl bromide)	<2.5E+07	µg/L	GE
0	4-Bromophenyl phenyl ether	<100,000	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<100,000	µg/L	GE
0	Butylbenzyl phthalate	<100,000	µg/L	GE
0	Cadmium	<77	µg/L	GE
0	Carbon disulfide	<2.5E+07	µg/L	GE
0	Carbon tetrachloride	<2.5E+07	µg/L	GE
0	para-Chloro-meta-cresol	<100,000	µg/L	GE
0	4-Chloroaniline	<100,000	µg/L	GE
0	Chlorobenzene	<2.5E+07	µg/L	GE
0	Chlorobenzilate	<100,000	µg/L	GE
0	Chloroethane	<2.5E+07	µg/L	GE
0	Chloroethene (Vinyl chloride)	<2.5E+07	µg/L	GE
0	2-Chloroethyl vinyl ether	<100,000	µg/L	GE
0	Chloroform	<2.5E+07	µg/L	GE
0	Chloromethane (Methyl chloride)	<2.5E+07	µg/L	GE
0	2-Chloronaphthalene	<100,000	µg/L	GE
0	2-Chlorophenol	<100,000	µg/L	GE
0	4-Chlorophenyl phenyl ether	<100,000	µg/L	GE
0	Chloroprene	<5.0E+09	µg/L	GE
0	Chromium	<154	µg/L	GE
0	Chrysene	<100,000	µg/L	GE
0	Cobalt	<154	µg/L	GE
0	Copper	<154	µg/L	GE
0	o-Cresol (2-Methylphenol)	<100,000	µg/L	GE
0	m-Cresol (3-Methylphenol)	<100,000	µg/L	GE
0	p-Cresol (4-Methylphenol)	<100,000	µg/L	GE
0	Di-n-butyl phthalate	<100,000	µg/L	GE
0	Di-n-octyl phthalate	<100,000	µg/L	GE
0	Diallate	<100,000	µg/L	GE
0	Dibenz[a,h]anthracene	<100,000	µg/L	GE
0	Dibenzofuran	<100,000	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<2.5E+07	µg/L	GE
0	Dibromochloromethane	<2.5E+07	µg/L	GE
0	1,2-Dibromoethane	<5.0E+08	µg/L	GE
0	Dibromomethane (Methylene bromide)	<2.5E+07	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<7.5E+08	µg/L	GE
0	1,2-Dichlorobenzene	<100,000	µg/L	GE
0	1,3-Dichlorobenzene	<100,000	µg/L	GE
0	1,4-Dichlorobenzene	<100,000	µg/L	GE
0	3,3'-Dichlorobenzidine	<200,000	µg/L	GE
0	Dichlorodifluoromethane	<2.5E+07	µg/L	GE
0	1,1-Dichloroethane	<2.5E+07	µg/L	GE
0	1,2-Dichloroethane	<2.5E+07	µg/L	GE
0	1,1-Dichloroethylene	<2.5E+07	µg/L	GE
0	trans-1,2-Dichloroethylene	<2.5E+07	µg/L	GE
0	Dichloromethane (Methylene chloride)	<2.5E+07	µg/L	GE
0	2,4-Dichlorophenol	<100,000	µg/L	GE
0	2,6-Dichlorophenol	<100,000	µg/L	GE
0	1,2-Dichloropropane	<2.5E+07	µg/L	GE
0	trans-1,3-Dichloropropene	<2.5E+07	µg/L	GE
0	cis-1,3-Dichloropropene	<2.5E+07	µg/L	GE
0	Diethyl phthalate	<100,000	µg/L	GE
0	Dimethoate	<100,000	µg/L	GE
0	2,4-Dimethyl phenol	<100,000	µg/L	GE
0	Dimethyl phthalate	<100,000	µg/L	GE
0	p-Dimethylaminoazobenzene	<100,000	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<100,000	µg/L	GE
0	3,3'-Dimethylbenzidine	<100,000	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 3D collected on 09/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	a,a-Dimethylphenethylamine	< 100,000	µg/L	GE
0	1,3-Dinitrobenzene	< 100,000	µg/L	GE
0	2,4-Dinitrophenol	< 450,000	µg/L	GE
0	2,4-Dinitrotoluene	< 100,000	µg/L	GE
0	2,6-Dinitrotoluene	< 100,000	µg/L	GE
0	1,4-Dioxane	< 100,000	µg/L	GE
0	Diphenylamine	< 100,000	µg/L	GE
0	Disulfoton	< 100,000	µg/L	GE
0	Ethyl methacrylate	< 100,000	µg/L	GE
0	Ethyl methanesulfonate	< 100,000	µg/L	GE
0	Ethylbenzene	< 2.5E+07	µg/L	GE
0	Famphur	< 100,000	µg/L	GE
0	Fluoranthene	< 100,000	µg/L	GE
0	Fluorene	< 100,000	µg/L	GE
0	Hexachlorobenzene	< 100,000	µg/L	GE
0	Hexachlorobutadiene	< 100,000	µg/L	GE
0	Hexachlorocyclopentadiene	< 100,000	µg/L	GE
0	Hexachloroethane	< 100,000	µg/L	GE
0	Hexachlorophene	< 100,000	µg/L	GE
0	Hexachloropropene	< 100,000	µg/L	GE
0	2-Hexanone	< 2.5E+07	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 100,000	µg/L	GE
0	Iodomethane (Methyl iodide)	< 3.8E+08	µg/L	GE
0	Isobutyl alcohol	< 2.5E+09	µg/L	GE
0	Isodrin	< 100,000	µg/L	GE
0	Isophorone	< 100,000	µg/L	GE
0	Isosafrole	< 100,000	µg/L	GE
0	Kepone	< 100,000	µg/L	GE
0	Lead	< 115	µg/L	GE
0	Mercury	< 200	µg/L	GE
0	Methacrylonitrile	< 1.3E+09	µg/L	GE
0	Methapyrilene	< 100,000	µg/L	GE
0	Methyl ethyl ketone	< 2.5E+07	µg/L	GE
0	Methyl isobutyl ketone	< 2.5E+07	µg/L	GE
0	Methyl methacrylate	< 100,000	µg/L	GE
0	Methyl methanesulfonate	< 100,000	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 500,000	µg/L	GE
0	3-Methylcholanthrene	< 100,000	µg/L	GE
0	2-Methylnaphthalene	< 100,000	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 100,000	µg/L	GE
0	N-Nitrosodi-propylamine	< 100,000	µg/L	GE
0	N-Nitrosodiethylamine	< 100,000	µg/L	GE
0	N-Nitrosodimethylamine	< 100,000	µg/L	GE
0	N-Nitrosodiphenylamine	< 100,000	µg/L	GE
0	N-Nitrosomethylethylamine	< 100,000	µg/L	GE
0	N-Nitrosomorpholine	< 100,000	µg/L	GE
0	N-Nitrosopiperidine	< 100,000	µg/L	GE
0	N-Nitrosopyrrolidine	< 100,000	µg/L	GE
0	Naphthalene	< 100,000	µg/L	GE
0	1,4-Naphthoquinone	< 100,000	µg/L	GE
0	1-Naphthylamine	< 100,000	µg/L	GE
0	2-Naphthylamine	< 100,000	µg/L	GE
0	Nickel	< 154	µg/L	GE
0	5-Nitro-o-toluidine	< 100,000	µg/L	GE
0	2-Nitroaniline	< 100,000	µg/L	GE
0	3-Nitroaniline	< 100,000	µg/L	GE
0	4-Nitroaniline	< 100,000	µg/L	GE
0	Nitrobenzene	< 100,000	µg/L	GE
0	2-Nitrophenol	< 100,000	µg/L	GE
0	4-Nitrophenol	< 100,000	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 100,000	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 100,000	µg/L	GE
0	Pentachlorobenzene	< 100,000	µg/L	GE
0	Pentachloroethane	< 100,000	µg/L	GE
0	Pentachloronitrobenzene	< 100,000	µg/L	GE
0	Pentachlorophenol	< 100,000	µg/L	GE
0	Phenacetin	< 100,000	µg/L	GE
0	Phenanthrene	< 100,000	µg/L	GE
0	Phenol	< 100,000	µg/L	GE
0	p-Phenylenediamine	< 100,000	µg/L	GE
0	2-Picoline	< 100,000	µg/L	GE
0	Pronamid	< 100,000	µg/L	GE
0	Propionitrile	< 5.0E+09	µg/L	GE
0	Pyrene	< 100,000	µg/L	GE
0	Pyridine	< 100,000	µg/L	GE
0	Safrole	< 100,000	µg/L	GE
0	Selenium	< 77	µg/L	GE
0	Silver	< 77	µg/L	GE
0	Styrene	< 2.5E+07	µg/L	GE
0	Sulfotepp	< 100,000	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 100,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 2.5E+07	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 2.5E+07	µg/L	GE
2	Tetrachloroethylene	1.3E+08	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 100,000	µg/L	GE
0	Thallium	< 77	µg/L	GE
0	Thionazin	< 100,000	µg/L	GE
2	Tin	1,840	µg/L	GE
0	Toluene	< 2.5E+07	µg/L	GE
0	o-Toluidine	< 100,000	µg/L	GE
0	1,2,4-Trichlorobenzene	< 100,000	µg/L	GE
0	1,1,1-Trichloroethane	< 2.5E+07	µg/L	GE
0	1,1,2-Trichloroethane	< 2.5E+07	µg/L	GE
0	Trichloroethylene	< 2.5E+07	µg/L	GE
0	Trichlorofluoromethane	< 2.5E+07	µg/L	GE
0	2,4,5-Trichlorophenol	< 100,000	µg/L	GE
0	2,4,6-Trichlorophenol	< 100,000	µg/L	GE
0	1,2,3-Trichloropropane	< 5.0E+08	µg/L	GE
0	1,3,5-Trinitrobenzene	< 100,000	µg/L	GE
0	Vanadium	< 384	µg/L	GE

WELL MSB 3D collected on 09/24/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Vinyl acetate	< 2.5E+07	µg/L	GE
0	Xylenes	< 2.5E+07	µg/L	GE
0	Zinc	111	µg/L	GE

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 13:00
Depth to water: 150.39 ft (45.84 m) below TOC — pH: 4.7
Water elevation: 204.91 ft (62.46 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 175 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 25	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 25	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 500	µg/L	GE
0	Acrylonitrile	< 500	µg/L	GE
0	Aldrin	< 0.050	µg/L	GE
0	Allyl chloride	< 1,250	µg/L	GE
0	Aluminum	< 20	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	4.8	µg/L	GE
0	Benzene	< 25	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	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(2-chloroisopropyl)ether	< 250	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	< 25	µg/L	GE
0	Bromoform	< 25	µg/L	GE
0	Bromomethane (Methyl bromide)	< 25	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	858	µg/L	GE
0	Carbon disulfide	< 25	µg/L	GE
0	Carbon tetrachloride	< 25	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	2,280	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 25	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 25	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 25	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 25	µg/L	GE
0	Chloromethane (Methyl chloride)	< 25	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	< 5,000	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	< 0.10	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	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	< 25	µg/L	GE
0	Dibromochloromethane	< 25	µg/L	GE

WELL MSB 4B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2-Dibromoethane	<500	µg/L	GE
0	Dibromomethane (Methylene bromide)	<25	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<75	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<25	µg/L	GE
0	1,1-Dichloroethane	<25	µg/L	GE
0	1,2-Dichloroethane	<25	µg/L	GE
0	1,1-Dichloroethylene	<25	µg/L	GE
0	trans-1,2-Dichloroethylene	<25	µg/L	GE
0	Dichloromethane (Methylene chloride)	110	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	<25	µg/L	GE
0	trans-1,3-Dichloropropene	<25	µg/L	GE
0	cis-1,3-Dichloropropene	<25	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	<25	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<25	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<375	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<2,500	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	340	µg/L	GE
0	Manganese	7.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<1,250	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<25	µg/L	GE
0	Methyl isobutyl ketone	<25	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

WELL MSB 4B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<5,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,320	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,870	µg/L	GE
0	Styrene	<25	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	<25	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<25	µg/L	GE
0	Tetrachloroethylene	<25	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	<25	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	736	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<25	µg/L	GE
0	1,1,2-Trichloroethane	<25	µg/L	GE
2	Trichloroethylene	1,540	µg/L	GE
0	Trichlorofluoromethane	<25	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	<500	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	<25	µg/L	GE
0	Xylenes	<25	µg/L	GE
0	Zinc	7.8	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
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 13.00
Depth to water: 150.39 ft (45.84 m) below TOC — pH: 4.7
Water elevation: 204.91 ft (62.46 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 175 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
2	Acetone	553	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 25	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 500	µg/L	GE
0	Acrylonitrile	< 500	µg/L	GE
0	Aldrin	< 0.050	µg/L	GE
0	Allyl chloride	< 1,250	µg/L	GE
0	Aluminum	< 20	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	4.8	µg/L	GE
0	Benzene	< 25	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	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(2-chloroisopropyl)ether	< 250	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	< 25	µg/L	GE
0	Bromoform	< 25	µg/L	GE
0	Bromomethane (Methyl bromide)	< 25	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	882	µg/L	GE
0	Carbon disulfide	< 25	µg/L	GE
0	Carbon tetrachloride	< 25	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	2,370	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 25	µg/L	GE
0	Chlorobenzilate	< 10	µg/L	GE
0	Chloroethane	< 25	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 25	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 25	µg/L	GE
0	Chloromethane (Methyl chloride)	< 25	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	< 5,000	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	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	< 25	µg/L	GE
0	Dibromochloromethane	< 25	µg/L	GE
0	1,2-Dibromoethane	< 500	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 25	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 750	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	< 20	µg/L	GE

WELL MSB 4B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dichlorodifluoromethane	< 25	µg/L	GE
0	1,1-Dichloroethane	< 25	µg/L	GE
0	1,2-Dichloroethane	< 25	µg/L	GE
0	1,1-Dichloroethylene	< 25	µg/L	GE
0	trans-1,2-Dichloroethylene	< 25	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	< 25	µg/L	GE
0	trans-1,3-Dichloropropene	< 25	µg/L	GE
0	cis-1,3-Dichloropropene	< 25	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	< 25	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	< 0.050	µg/L	GE
0	Heptachlor epoxide	< 0.050	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-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	< 25	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 375	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Isobutyl alcohol	< 2,500	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	347	µg/L	GE
0	Manganese	7.7	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 1,250	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 25	µg/L	GE
0	Methyl isobutyl ketone	< 25	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	730	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 MSB 4B collected on 08/03/91, 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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<5,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	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	1,870	µg/L	GE
0	Styrene	<25	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	<25	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<25	µg/L	GE
0	Tetrachloroethylene	<25	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	<25	µg/L	GE
0	o-Toluidine	<10	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
2	Total organic halogens	1,300	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<25	µg/L	GE
0	1,1,2-Trichloroethane	<25	µg/L	GE
2	Trichloroethylene	1,490	µg/L	GE
0	Trichlorofluoromethane	<25	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	<500	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	<25	µg/L	GE
0	Xylenes	<25	µg/L	GE
0	Zinc	5.1	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 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91 Time: 11:10
Depth to water: 142.33 ft (43.38 m) below TOC pH: 10.7
Water elevation: 212.87 ft (64.88 m) msl Alkalinity: 65 mg/L
Sp. conductance: 338 µS/cm Water temperature: 22.0°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
1	Specific conductance	265	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<250	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<250	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<5,000	µg/L	GE
0	Acrylonitrile	<5,000	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<12,500	µg/L	GE
0	Aluminum	62	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
1	Antimony	3.2	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	105	µg/L	GE
0	Benzene	<250	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<2,500	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	156	µg/L	GE
0	Bromodichloromethane	<250	µg/L	GE
0	Bromoform	<250	µg/L	GE
0	Bromomethane (Methyl bromide)	<250	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	27,400	µg/L	GE
0	Carbon disulfide	<250	µg/L	GE
0	Carbon tetrachloride	<250	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	2,910	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<250	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<250	µg/L	GE
0	Chloroethene (Vinyl chloride)	<250	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<250	µg/L	GE
0	Chloromethane (Methyl chloride)	<250	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	<50,000	µg/L	GE
0	Chromium	35	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<40	µg/L	GE
0	Copper	<40	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	<50	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	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	<250	µg/L	GE
0	Dibromochloromethane	<250	µg/L	GE
0	1,2-Dibromoethane	<5,000	µg/L	GE
0	Dibromomethane (Methylene bromide)	<250	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<7,500	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<250	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 4C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<250	µg/L	GE
0	1,2-Dichloroethane	<250	µg/L	GE
0	1,1-Dichloroethylene	<250	µg/L	GE
0	trans-1,2-Dichloroethylene	<250	µg/L	GE
0	Dichloromethane (Methylene chloride)	500	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	<250	µg/L	GE
0	trans-1,3-Dichloropropene	<250	µg/L	GE
0	cis-1,3-Dichloropropene	<250	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	<250	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<250	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<3,750	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<25,000	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	3.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	546	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<12,500	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<250	µg/L	GE
0	Methyl isobutyl ketone	<250	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
1	Nitrate as nitrogen	7,400	µg/L	GE
1	Nitrate as nitrogen	7,400	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

WELL MSB 4C collected on 08/04/91, 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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	9.4	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	10,300	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<50,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,900	µg/L	GE
0	Styrene	<250	µg/L	GE
0	Sulfate	2,540	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	<250	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<250	µg/L	GE
2	Tetrachloroethylene	500	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	<250	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	139,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	1,100	µg/L	LC
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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<250	µg/L	GE
0	1,1,2-Trichloroethane	<250	µg/L	GE
2	Trichloroethylene	1,250	µg/L	GE
0	Trichlorofluoromethane	<250	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	<5,000	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	<250	µg/L	GE
0	Xylenes	<250	µg/L	GE
0	Zinc	38	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.7E-09 ± 2.4E-09	µCi/mL	GE
1	Total radium	3.1E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 12:30
Depth to water: 128.52 ft (39.17 m) below TOC — pH: 4.4
Water elevation: 227.08 ft (69.21 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 92 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	75	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<200	µg/L	GE
0	Acrylonitrile	<200	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<500	µg/L	GE
1	Aluminum	193	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	23	µg/L	GE
0	Benzene	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<100	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	<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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,090	µg/L	GE
0	Carbon disulfide	<10	µg/L	GE
0	Carbon tetrachloride	<10	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	2,950	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<10	µg/L	GE
0	Chlorobenzilate	<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	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<2,000	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	5.4	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	<0.10	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	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	<10	µg/L	GE
0	1,2-Dibromoethane	<200	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<300	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<10	µg/L	GE

WELL MSB 4D collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	33	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	<10	µg/L	GE
0	trans-1,3-Dichloropropene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<10	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	<10	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl Iodide)	<150	µg/L	GE
0	Iron	14	µg/L	GE
0	Isobutyl alcohol	<1,000	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	1,290	µg/L	GE
1	Manganese	34	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<500	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-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
2	Nitrate as nitrogen	27,000	µg/L	GE
2	Nitrate as nitrogen	27,000	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

ANALYTICAL RESULTS

WELL MSB 4D collected on 08/03/91, 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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<2,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	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	9,020	µg/L	GE
0	Styrene	<10	µg/L	GE
0	Sulfate	5,800	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	<10	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10	µg/L	GE
2	Tetrachloroethylene	61	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	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	79,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	162	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
2	Trichloroethylene	166	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.090	µg/L	GE
0	1,2,3-Trichloropropane	<200	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	<10	µg/L	GE
0	Xylenes	<10	µg/L	GE
0	Zinc	14	µg/L	GE
0	Gross alpha	2.2E-09 ± 1.7E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.2E-09 ± 2.8E-09	µCi/mL	GE
0	Nonvolatile beta	5.1E-09 ± 2.9E-09	µCi/mL	GE
1	Total radium	3.4E-09 ± 4.1E-09	µCi/mL	GE
2	Total radium	5.0E-09 ± 4.5E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91
Depth to water: 119.16 ft (36.32 m) below TOC
Water elevation: 225.44 ft (68.71 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 25 gal

Time: 11:15
pH: 5.0
Alkalinity: 3 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	60	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
2	Acetone	670	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	6.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	2,110	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
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	37	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL MSB 5A collected on 08/03/91, 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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	8.1	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	Manganese	5.7	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	<1.0	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
1	Nitrate as nitrogen	5,800	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

WELL MSB 5A collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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-Pentachlorodiber o-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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,500	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
2	Tetrachloroethylene	10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
2	Thallium	2.1	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	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	46	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	1,2,4-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
2	Trichloroethylene	15	µg/L	GE
0	Trichlorofluoromethane	3.0	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	40	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 2.9E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 11:45
Depth to water: 139.61 ft (42.55 m) below TOC — pH: 5.0
Water elevation: 205.89 ft (62.76 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 194 gal

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
2	Acetone	544	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<200	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 5B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acrylonitrile	<200	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<500	µg/L	GE
0	Aluminum	<20	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	5.9	µg/L	GE
0	Benzene	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<100	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	<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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	882	µg/L	GE
0	Carbon disulfide	<10	µg/L	GE
0	Carbon tetrachloride	<10	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	2,050	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<10	µg/L	GE
0	Chlorobenzilate	<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	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<2,000	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	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	<10	µg/L	GE
0	1,2-Dibromoethane	<200	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<300	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<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-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	<10	µg/L	GE
0	trans-1,3-Dichloropropene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<10	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

WELL MSB 5B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<10	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<150	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<1,000	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	231	µg/L	GE
0	Manganese	9.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<500	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-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	340	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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

WELL MSB 5B collected on 08/03/91, 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	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	564	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<2,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	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	2,340	µg/L	GE
0	Styrene	<10	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	<10	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10	µg/L	GE
0	Tetrachloroethylene	<10	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	<10	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
1	Total organic halogens	32	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	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
0	Trichlorofluoromethane	<10	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	<200	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	<10	µg/L	GE
0	Xylenes	<10	µg/L	GE
0	Zinc	9.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91
Depth to water: 124.79 ft (38.04 m) below TOC
Water elevation: 220.91 ft (67.33 m) msl
Sp. conductance: 807 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.

Time: 9:45
pH: 10.8
Alkalinity: 247 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	Specific conductance	750	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
2	Acetone	540	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<25	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<500	µg/L	GE
0	Acrylonitrile	<500	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<1,250	µg/L	GE
0	Aluminum	55	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
1	Antimony	3.9	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Benzene	<25	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE

WELL MSB 5C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<250	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	<25	µg/L	GE
0	Bromoform	<25	µg/L	GE
0	Bromomethane (Methyl bromide)	<25	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon disulfide	<25	µg/L	GE
0	Carbon tetrachloride	<25	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	4,520	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<25	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<25	µg/L	GE
0	Chloroethene (Vinyl chloride)	<25	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<25	µg/L	GE
0	Chloromethane (Methyl chloride)	<25	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	<5,000	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	<0.10	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	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	<25	µg/L	GE
0	Dibromochloromethane	<25	µg/L	GE
0	1,2-Dibromoethane	<500	µg/L	GE
0	Dibromomethane (Methylene bromide)	<25	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<750	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<25	µg/L	GE
0	1,1-Dichloroethane	<25	µg/L	GE
0	1,2-Dichloroethane	<25	µg/L	GE
0	1,1-Dichloroethylene	<25	µg/L	GE
0	trans-1,2-Dichloroethylene	<25	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	<25	µg/L	GE
0	trans-1,3-Dichloropropene	<25	µg/L	GE
0	cis-1,3-Dichloropropene	<25	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

ANALYTICAL RESULTS

WELL MSB 5C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<25	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	132	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<25	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<375	µg/L	GE
0	Iron	4.1	µg/L	GE
0	Isobutyl alcohol	<2,500	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	185	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<1,250	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	188	µg/L	GE
0	Methyl isobutyl ketone	<25	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
2	Nitrate as nitrogen	13,900	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	10	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	76,600	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<5,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE

WELL MSB 5C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,620	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	99,500	µg/L	GE
0	Styrene	<25	µg/L	GE
0	Sulfate	46,400	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	<25	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<25	µg/L	GE
2	Tetrachloroethylene	175	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	<25	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	433,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	85	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<25	µg/L	GE
0	1,1,2-Trichloroethane	<25	µg/L	GE
0	Trichloroethylene	<25	µg/L	GE
0	Trichlorofluoromethane	<25	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	<500	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	<25	µg/L	GE
0	Xylenes	<25	µg/L	GE
0	Zinc	4.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.5E-09 ± 2.3E-09	µCi/mL	GE
2	Total radium	1.0E-08 ± 4.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91
Depth to water: 121.06 ft (36.90 m) below TOC
Water elevation: 222.84 ft (67.92 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 29 gal
Time: 9:55
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
1	Acetone	60	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	4.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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

WELL MSB 6A collected on 08/03/91, 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	GE
0	2-sec-Butyl-4,6-dinitrophenol	<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	5,000	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	7.5	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	<0.10	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	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)	<1.0	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	<20	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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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

WELL MSB 6A collected on 08/03/91, 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	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
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Manganese	6.6	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	<1.0	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	370	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	12	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	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,720	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

ANALYTICAL RESULTS

WELL MSB 6A collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	o-Toluidine	<10	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)	<100	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	Total radium	1.2E-09 ± 2.5E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91
Depth to water: 139.81 ft (42.61 m) below TOC
Water elevation: 205.49 ft (92.63 m) msl
Sp. conductance: 56 µS/cm
Water evacuated before sampling: 210 gal

Time: 10:30
pH: 6.0
Alkalinity: 14 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<25	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<25	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<500	µg/L	GE
0	Acrylonitrile	<500	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<1,250	µg/L	GE
0	Aluminum	<20	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	24	µg/L	GE
0	Benzene	<25	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<250	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	<25	µg/L	GE
0	Bromoform	<25	µg/L	GE
0	Bromomethane (Methyl bromide)	<25	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,610	µg/L	GE
0	Carbon disulfide	<25	µg/L	GE
0	Carbon tetrachloride	<25	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	1,990	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<25	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<25	µg/L	GE
0	Chloroethene (Vinyl chloride)	<25	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<25	µg/L	GE
0	Chloromethane (Methyl chloride)	<25	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE

WELL MSB 6B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<5,000	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	<0.10	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	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	<25	µg/L	GE
0	Dibromochloromethane	<25	µg/L	GE
0	1,2-Dibromoethane	<500	µg/L	GE
0	Dibromomethane (Methylene bromide)	<25	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<750	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<25	µg/L	GE
0	1,1-Dichloroethane	<25	µg/L	GE
0	1,2-Dichloroethane	<25	µg/L	GE
0	1,1-Dichloroethylene	<25	µg/L	GE
0	trans-1,2-Dichloroethylene	<25	µg/L	GE
0	Dichloromethane (Methylene chloride)	115	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	<25	µg/L	GE
0	trans-1,3-Dichloropropene	<25	µg/L	GE
0	cis-1,3-Dichloropropene	<25	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	<25	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<25	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<375	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<2,500	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	309	µg/L	GE
0	Manganese	7.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<1,250	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL MSB 6B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methyl ethyl ketone	<25	µg/L	GE
0	Methyl isobutyl ketone	<25	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	1,830	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	3,470	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<5,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,280	µg/L	GE
0	Styrene	<25	µg/L	GE
0	Sulfate	<1,000	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	<25	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<25	µg/L	GE
0	Tetrachloroethylene	<25	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	<25	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	68,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	985	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<25	µg/L	GE
0	1,1,2-Trichloroethane	<25	µg/L	GE
2	Trichloroethylene	1,260	µg/L	GE
0	Trichlorofluoromethane	<25	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	<500	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE

WELL MSB 6B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<25	µg/L	GE
0	Xylenes	<25	µg/L	GE
0	Zinc	2.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.1E-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 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91
Depth to water: 123.48 ft (37.64 m) below TOC
Water elevation: 220.72 ft (67.28 m) msl
Sp. conductance: 788 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.
Time: 9:20
pH: 8.7
Alkalinity: 78 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.9	pH	GE
2	Specific conductance	700	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
2	Acetone	532	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	64	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	59	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,500	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	5,700	µg/L	GE
0	Chloride	5,650	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	<0.10	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 6C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	<1.0	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	<20	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	2.8	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	Magnesium	2,240	µg/L	GE
0	Magnesium	2,230	µg/L	GE
0	Manganese	17	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	<1.0	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

WELL MSB 6C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	7.2	µg/L	GE
2	Nitrate as nitrogen	76,000	µg/L	GE
2	Nitrate as nitrogen	76,000	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	30,500	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	Selenium	<2.0	µg/L	GE
0	Silica	6,460	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	136,000	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,160	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
2	Tetrachloroethylene	7.8	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	584,000	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	14	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	4.9	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.7	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	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	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 2.7E-09	µCi/mL	GE
2	Total radium	5.5E-09 ± 3.8E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 — Time: 14.15
Depth to water: 120.25 ft (36.65 m) below TOC — pH: 4.7
Water elevation: 224.25 ft (68.35 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
2	Acetone	683	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 10	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 200	µg/L	GE
0	Acrylonitrile	< 200	µg/L	GE
0	Aldrin	< 0.050	µg/L	GE
0	Allyl chloride	< 500	µg/L	GE
0	Aluminum	< 20	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	13	µg/L	GE
0	Benzene	< 10	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	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(2-chloroisopropyl)ether	< 100	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	< 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	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Carbon disulfide	< 10	µg/L	GE
0	Carbon tetrachloride	< 10	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	4,650	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloroaniline	< 10	µg/L	GE
0	Chlorobenzene	< 10	µg/L	GE
0	Chlorobenzilate	< 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	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chloroprene	< 2,000	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	< 0.10	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	Dialate	< 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	< 10	µg/L	GE
0	1,2-Dibromoethane	< 200	µg/L	GE
0	Dibromomethane (Methylene bromide)	< 10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	< 300	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	< 20	µg/L	GE
0	Dichlorodifluoromethane	< 10	µg/L	GE
0	1,1-Dichloroethane	< 10	µg/L	GE

WELL MSB 7A collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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)	39	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	< 10	µg/L	GE
0	trans-1,3-Dichloropropene	< 10	µg/L	GE
0	cis-1,3-Dichloropropene	< 10	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	< 0.0080	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	< 10	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Heptachlor	< 0.050	µg/L	GE
0	Heptachlor epoxide	< 0.050	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-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	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl iodide)	< 150	µg/L	GE
0	Iron	38	µg/L	GE
0	Isobutyl alcohol	< 1,000	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	Manganese	19	µg/L	GE
0	Mercury	0.29	µg/L	GE
0	Methacrylonitrile	< 500	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	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,240	µg/L	GE
0	Nitrate as nitrogen	2,240	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

ANALYTICAL RESULTS

WELL MSB 7A collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	< 0.050	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	< 1.0	µg/L	GE
0	PCB 1260	< 1.0	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	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 2,000	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	6,490	µg/L	GE
0	Styrene	< 10	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	< 10	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 10	µg/L	GE
0	Tetrachloroethylene	< 10	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	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	47	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	1,2,4-Trichlorobenzene	< 10	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
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	< 200	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 10	µg/L	GE
0	Xylenes	< 10	µg/L	GE
0	Zinc	7.5	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/ml	GE
1	Total radium	4.7E-09 ± 3.7E-09	µCi/ml	GE
0	Uranium alpha activity	< 1.0E-09	µCi/ml	GE

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91
Depth to water: 139.10 ft (42.40 m) below TOC
Water elevation: 205.10 ft (62.52 m) msl
Sp. conductance: 1889 µS/cm
Water evacuated before sampling: 35 gal
The well went dry during purging

Time: 12:30
pH: 11.5
Alkalinity: 550 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,700	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)	< 1.0	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

WELL MSB 7B collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aldrin	< 0.050	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	Aluminum	60	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	506	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	151,000	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	1,080	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	6.9	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	< 0.10	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	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)	< 1.0	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	< 20	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

WELL MSB 7B collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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
1	Lead	8.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	29	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	<1.0	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	370	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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

WELL MSB 7B collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	13	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	48,400	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	Selenium	<2.0	µg/L	GE
0	Silica	12,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	32,100	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	7,540	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	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	4.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	530,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	20	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	1,2,4-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
2	Trichloroethylene	14	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	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	3.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.9E-09 ± 2.1E-09	µCi/mL	GE
2	Total radium	8.6E-09 ± 4.6E-09	µCi/mL	GE
0	Tritium	7.9E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91
Time: 13:00
Depth to water: 124.69 ft (38.01 m) below TOC
pH: 6.4
Water elevation: 219.91 ft (67.03 m) msl
Alkalinity: 37 mg/L
Sp. conductance: 570 µS/cm
Water temperature: 22.2°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
1	Specific conductance	475	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
2	Acetone	521	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	63	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 7C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	17,200	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	28,100	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
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	<0.10	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	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)	<1.0	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	<20	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	6.0	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

WELL MSB 7C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	70	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	3,260	µg/L	GE
1	Manganese	36	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	<1.0	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
2	Nitrate as nitrogen	32,200	µg/L	GE
2	Nitrate as nitrogen	32,200	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	15,600	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	Selenium	<2.0	µg/L	GE

WELL MSB 7C collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	8,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	79,700	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
2	Tetrachloroethylene	17	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	453,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	50	µg/L	LC
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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	6.2	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
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	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	7.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	9.8E-09 ± 2.4E-08	µCi/mL	GE
2	Total radium	8.9E-09 ± 4.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 Time: 14:50
The well was dry.

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 Time: 15:10
Depth to water: 137.09 ft (41.79 m) below TOC pH: 4.8
Water elevation: 206.81 ft (63.04 m) msl Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm Water temperature: 21.7°C
Water evacuated before sampling: 159 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	37	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	8.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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

WELL MSB 8B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzyl alcohol	<10	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	859	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	2,530	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	<0.10	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	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)	<1.0	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	<20	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)	2.1	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

ANALYTICAL RESULTS

WELL MSB 8B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-HPCDF	<0.00045	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	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	1,2,3,4,7,8-HXCDD	<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-HXCDF	<0.00040	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	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	5.5	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	425	µg/L	GE
0	Manganese	7.6	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	880	µg/L	GE
0	Nitrate as nitrogen	790	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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

WELL MSB 8B collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	520	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	Selenium	<2.0	µg/L	GE
0	Silica	39,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,990	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-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
1	Tetrachloroethylene	3.7	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	106,000	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)	<100	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
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	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	5.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.2E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 Time: 15:40
Depth to water: 125.09 ft (38.13 m) below TOC pH: 5.2
Water elevation: 218.91 ft (66.72 m) msl Alkalinity: 2 mg/L
Sp. conductance: 163 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	135	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	17	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<5.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<100	µg/L	GE
0	Acrylonitrile	<100	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<250	µg/L	GE
0	Aluminum	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	36	µg/L	GE
0	Benzene	<5.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE

WELL MSB 8C collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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(2-chloroisopropyl)ether	<50	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	<5.0	µg/L	GE
0	Bromoform	<5.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,990	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	GE
0	Carbon tetrachloride	<5.0	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	4,540	µg/L	GE
0	para Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<5.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<5.0	µg/L	GE
0	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	<1,000	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	<0.10	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	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	<5.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	GE
0	1,2-Dibromoethane	<100	µg/L	GE
0	Dibromomethane (Methylene bromide)	<5.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<150	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	GE
2	1,1-Dichloroethylene	21	µg/L	GE
0	trans-1,2-Dichloroethylene	<5.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	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	<5.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	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	<5.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE

WELL MSB 8C collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<5.0	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl Iodide)	<75	µg/L	GE
0	Iron	6.1	µg/L	GE
0	Isobutyl alcohol	<500	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	3,320	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<250	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<5.0	µg/L	GE
0	Methyl isobutyl ketone	<5.0	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
2	Nitrate as nitrogen	14,400	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	1,500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<1,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	23,500	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 8C collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	14,800	µg/L	GE
0	Styrene	<5.0	µg/L	GE
0	Sulfate	2,540	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	<5.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	GE
2	Tetrachloroethylene	205	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	<5.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	183,000	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)	<100	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	19	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	GE
2	Trichloroethylene	79	µg/L	GE
0	Trichlorofluoromethane	<5.0	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	<100	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	<5.0	µg/L	GE
0	Xylenes	<5.0	µg/L	GE
0	Zinc	9.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.7E-09 ± 2.3E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 143.94 ft (43.87 m) below TOC
Water elevation: 211.06 ft (64.33 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 244 gal

Time: 14:45
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
0	Specific conductance	20	µS/cm	GE
0	Aluminum	<20	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	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	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	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	320	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE

WELL MSB 10A collected on 07/18/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	1,440	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	5.1	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	7.8	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
2	Trichloroethylene	17	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	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	1.3E-09 ± 5.0E-10	µCi/mL	GE

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/18/91
Depth to water: 142.33 ft (43.38 m) below TOC
Water elevation: 212.37 ft (64.73 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 165 gal

Time: 14:55
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.4°C

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	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	2,370	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)	<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	Iron	9.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	5.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	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	2,460	µg/L	GE
0	Sulfate	8,350	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 organic halogens	<5.0	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	1.1	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	23	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 MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 Time: 14:20
Depth to water: 149.18 ft (45.47 m) below TOC pH: 5.6
Water elevation: 215.72 ft (65.75 m) msl Alkalinity: 9 mg/L
Sp. conductance: 30 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 224 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	<20	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	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	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	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	Nitrate as nitrogen	270	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	1,400	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 organic halogens	<5.0	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
2	Trichloroethylene	7.6	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	92	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 MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 Time: 14:00
Depth to water: 143.04 ft (43.60 m) below TOC pH: 5.3
Water elevation: 221.76 ft (67.59 m) msl Alkalinity: 7 mg/L
Sp. conductance: 29 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	<20	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
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,190	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

WELL MSB 11B collected on 07/27/91, 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	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	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	460	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	1,440	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	6.9	µg/L	GE
0	Toluene	<1.0	µg/L	GE
2	Total organic halogens	189	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
2	Trichloroethylene	483	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	55	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 MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 Time: 13:40
The well was dry.

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 Time: 10:20
The well was dry.

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 Time: 13:00
Depth to water: 158.05 ft (48.17 m) below TOC pH: 5.9
Water elevation: 190.45 ft (58.05 m) msl Alkalinity: 14 mg/L
Sp. conductance: 35 µS/cm Water temperature: 26.7°C
Water evacuated before sampling: 800 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.0	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	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	<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 MSB 12TA collected on 08/06/91, 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	1,2-Dichloropropane	<1.0	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,290	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
1	Total organic halogens	50	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	Uranium	<1,000	µg/L	GE
0	Zinc	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	1.1E-09 ± 2.4E-09	µCi/mL	GE

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: 157.77 ft (48.09 m) below TOC
Water elevation: 191.13 ft (58.28 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 520 gal
Time: 12:00
pH: 5.2
Alkalinity: 5 mg/L
Water temperature: 23.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
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	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	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
1	Iron	204	µg/L	GE
0	Lead	4.2	µg/L	GE
0	Manganese	9.1	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	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	1,570	µg/L	GE
0	Sulfate	1,300	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
2	Total organic halogens	156	µg/L	GE
2	Total organic halogens	137	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE

WELL MSB 12TB collected on 08/06/91, 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
1	Trichloroethylene	4.3	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	<2.0E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 2.9E-09	µCi/mL	GE

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91
Depth to water: 140.92 ft (42.95 m) below TOC
Water elevation: 204.28 ft (62.27 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 195 gal
Time: 16:50
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 21.5°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	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<200	µg/L	GE
0	Acrylonitrile	<200	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<500	µg/L	GE
0	Aluminum	<20	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	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<100	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	<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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon disulfide	<10	µg/L	GE
0	Carbon tetrachloride	<10	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	2,360	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<10	µg/L	GE
0	Chlorobenzilate	<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	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<2,000	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	<0.10	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

WELL MSB 13A collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<10	µg/L	GE
0	1,2-Dibromoethane	<200	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<300	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<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)	13	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	<10	µg/L	GE
0	trans-1,3-Dichloropropene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<10	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	<10	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<150	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isobutyl alcohol	<1,000	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	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<500	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-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

WELL MSB 13A collected on 08/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	710	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	Pronamid	<10	µg/L	GE
0	Propionitrile	<2,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	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	Styrene	<10	µg/L	GE
0	Sulfate	1,730	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-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<10	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10	µg/L	GE
0	Tetrachloroethylene	<10	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	<10	µg/L	GE
0	o-Toluidine	<10	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)	<100	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	<10	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
2	Trichloroethylene	248	µg/L	GE
0	Trichlorofluoromethane	<10	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	<200	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<10	µg/L	GE
0	Xylenes	<10	µg/L	GE
0	Zinc	29	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 3.1E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/03/91 Time: 17:10
Depth to water: 148.08 ft (45.14 m) below TOC pH: 12.0
Water elevation: 197.52 ft (60.20 m) msl Alkalinity: 677 mg/L
Sp. conductance: 2680 µS/cm Water temperature: 25.1°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
2	pH	13	pH	GE
2	Specific conductance	2,850	µS/cm	GE
1	Acetone	54	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	77	µg/L	GE
1	Antimony	4.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	591	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Beryllium	<5.0	µg/L	GE
0	Bis(2-chloroisopropyl)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	Chloride	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	1.2	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	41	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	18	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)	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
2	Dichlorodifluoromethane	50	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	1.1	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	Ethylbenzene	<1.0	µg/L	GE
0	2-Hexanone	<1.0	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	6.0	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
2	Lead	80	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methyl ethyl ketone	<1.0	µg/L	GE
0	Methyl isobutyl ketone	3.3	µg/L	GE
0	Nickel	5.9	µg/L	GE
2	Nitrate as nitrogen	17,100	µg/L	GE
0	Phenols	13	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	44,800	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	4,730	µg/L	GE
0	Sulfate	4,720	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
2	Tetrachloroethylene	26	µg/L	GE
0	Thallium	<2.0	µg/L	GE
2	Tin	39	µg/L	GE
0	Tin	3.6	µg/L	GE
0	Toluene	1.5	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	57	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	1.2	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	16	µg/L	GE
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	97	µg/L	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91 Time: 10:10
Depth to water: 124.79 ft (38.04 m) below TOC pH: 5.4
Water elevation: 222.11 ft (67.70 m) msl Alkalinity: 7 mg/L
Sp. conductance: 213 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	170	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	9.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,9-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	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	2,460	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE

WELL MSB 13CC collected on 08/04/91, 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	2.0	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	114	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	5.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	251	µg/L	GE
0	Manganese	24	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	<1.0	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	17	µg/L	GE
2	Nitrate as nitrogen	16,900	µg/L	GE
2	Nitrate as nitrogen	17,200	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

WELL MSB 13CC collected on 08/04/91, 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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	Selenium	<2.0	µg/L	GE
0	Silica	7,760	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	37,200	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	16,900	µg/L	GE
0	Sulfate	17,200	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	31	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	154,000	µg/L	GE
0	Total dissolved solids	163,000	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)	<100	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	4.0	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	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	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	32	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-08 ± 3.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/04/91
Depth to water: 121.16 ft (36.93 m) below TOC
Water elevation: 226.54 ft (69.05 m) msl
Sp. conductance: 440 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 10:40
pH: 6.3
Alkalinity: 44 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
1	Specific conductance	395	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,730	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	4,140	µg/L	GE
0	Chloride	4,280	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE

WELL MSB 13D collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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
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	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	21	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	7.4	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	991	µg/L	GE
0	Manganese	25	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	<1.0	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	21	µg/L	GE
2	Nitrate as nitrogen	21,800	µg/L	GE
2	Nitrate as nitrogen	21,800	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

WELL MSB 13D collected on 08/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	< 0.050	µg/L	GE
0	Parathion methyl	< 0.050	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	< 1.0	µg/L	GE
0	PCB 1260	< 1.0	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	3,510	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	Selenium	< 2.0	µg/L	GE
0	Silica	9,240	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	73,700	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	9,790	µg/L	GE
0	Sulfate	9,640	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
2	Tetrachloroethylene	51	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	325,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	80	µg/L	LC
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	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	15	µg/L	GE
0	1,1,2-Trichloroethane	1.0	µg/L	GE
2	Trichloroethylene	45	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	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	23	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.1E-09 ± 2.6E-09	µCi/mL	GE
1	Total radium	4.0E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 16:30
Depth to water: 135.52 ft (41.31 m) below TOC — pH: 4.9
Water elevation: 213.18 ft (64.98 m) msl — Alkalinity, 2 mg/L
Sp. conductance: 181 µS/cm — Water temperature: 24.1°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	130	µS/cm	GE
0	Aluminum	47	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	56	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
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	3,840	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	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
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	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	Iron	5.4	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
2	Nitrate as nitrogen	16,900	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	13,300	µg/L	GE
0	Sulfate	1,270	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	93	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
2	Total organic halogens	170	µg/L	LC
0	Total phosphates (as P)	< 100	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	83	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Zinc	34	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.4E-09 ± 2.2E-09	µCi/mL	GE
2	Total radium	8.8E-09 ± 4.8E-09	µCi/mL	GE

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 16:45
The well was dry.

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 — Time: 8:00
Depth to water: 157.15 ft (47.90 m) below TOC — pH: 5.3
Water elevation: 212.35 ft (64.73 m) msl — Alkalinity, 1 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 163 gal

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
0	Tetrachloroethylene	< 2.0	µg/L	MA
0	1,1,1-Trichloroethane	< 2.0	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 15AA collected on 07/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Trichloroethylene	52	µg/L	MA

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91 — Time: 12:50
Depth to water: 145.56 ft (44.37 m) below TOC — pH: 4.6
Water elevation: 212.44 ft (64.75 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 176 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Aluminum	49	µg/L	GE
0	Arsenic	<2.0	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
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,280	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	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	1.3	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	36	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.2	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	Ethylbenzene	<1.0	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	0.35	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	18,400	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	16,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	261	µg/L	GE
0	Toluene	<1.0	µg/L	GE
2	Total organic halogens	166	µg/L	GE
2	Total organic halogens	166	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
2	Trichloroethylene	57	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	18	µg/L	GE
0	Gross alpha	5.1E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 3.7E-09	µCi/mL	GE
2	Total radium	1.1E-08 ± 4.3E-09	µCi/mL	GE

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 — Time: 7:00
The well was dry.

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/03/91 — Time: 7:15
Depth to water: 134.37 ft (40.96 m) below TOC — pH: 4.9
Water elevation: 225.83 ft (68.83 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 32 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91 — Time: 12:00
Depth to water: 132.55 ft (40.40 m) below TOC — pH: 4.3
Water elevation: 207.65 ft (63.29 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 132 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	21	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	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	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)	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	Iron	29	µg/L	GE
0	Lead	<3.0	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	2,380	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	2,460	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
2	Total organic halogens	78	µg/L	GE
2	Total organic halogens	78	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
2	Trichloroethylene	15	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	7.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.6E-09	µCi/mL	GE

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91 — Time: 11:50
Depth to water: 123.68 ft (37.70 m) below TOC — pH: 4.9
Water elevation: 216.62 ft (66.03 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 101 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Aluminum	<20	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	Chloride	4,520	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	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	2.8	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.2	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	Ethylbenzene	<1.0	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	26	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total organic halogens	29	µg/L	GE
1	Total organic halogens	29	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	2.3	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8.1	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	34	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 3.6E-09	µCi/mL	GE
2	Total radium	8.0E-09 ± 3.4E-09	µCi/mL	GE

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91 — Time: 11:50
Depth to water: 123.68 ft (37.70 m) below TOC — pH: 4.9
Water elevation: 216.62 ft (66.03 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 101 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	85	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	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

WELL MSB 18B collected on 07/16/91, 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	<4.0	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	2.7	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	Ethylbenzene	<1.0	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	8,400	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	10,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	25	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	16	µg/L	GE
0	Total organic halogens	16	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	2.3	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	Uranium	<1,000	µg/L	GE
0	Zinc	32	µg/L	GE
0	Gross alpha	3.5E-09 ± 1.8E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 4.0E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.6E-09	µCi/mL	GE

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/16/91 — Time: 13:15
Depth to water: 117.86 ft (35.95 m) below TOC — pH: 4.4
Water elevation: 222.64 ft (67.86 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	32	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	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	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	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	Iron	148	µg/L	GE
0	Lead	<3.0	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	1,630	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 18C collected on 07/16/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	1,820	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 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	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	117	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	1.7E-09 ± 2.6E-09	µCi/mL	GE

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: 85.98 ft (26.21 m) below TOC
Water elevation: 213.52 ft (65.08 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 260 gal
Time: 11:25
pH: 4.9
Alkalinity: 2 mg/L
Water temperature: 20.2°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	Arsenic	<2.0	µg/L	GE
0	Barium	6.3	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	Chloride	1,770	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	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	Iron	7.7	µg/L	GE
0	Lead	<3.0	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	1,190	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	1,680	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.1	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	20	µg/L	GE
1	Total organic halogens	36	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
2	Trichloroethylene	46	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	20	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 1.8E-09	µCi/mL	GE
1	Total radium	3.9E-09 ± 3.6E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: 83.16 ft (25.35 m) below TOC
Water elevation: 216.74 ft (66.06 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 195 gal
Time: 12:00
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Aluminum	<20	µg/L	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	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	<4.0	µg/L	GE
0	Copper	9.6	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	1,2-Dichloropropane	<1.0	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	Iron	11	µg/L	GE
0	Lead	3.1	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	790	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	1,480	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 halogens	<5.0	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	2.4	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	14	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.3E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91
Depth to water: 62.40 ft (19.02 m) below TOC
Water elevation: 237.80 ft (72.48 m) msl
Sp. conductance: 66 µS/cm
Water evacuated before sampling: 104 gal
Time: 12:15
pH: 5.1
Alkalinity: 3 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Aluminum	<20	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	3,080	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

WELL MSB 19C collected on 07/28/91, 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	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	Iron	123	µg/L	GE
0	Lead	3.2	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	1,820	µg/L	GE
0	Nitrate as nitrogen	1,830	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	4,640	µg/L	GE
0	Sulfate	14,200	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	9.9	µg/L	GE
0	Toluene	<1.0	µg/L	GE
2	Total organic halogens	50	µg/L	LC
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
2	Trichloroethylene	52	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	137	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.2E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.3E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 348 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.
Time: 10:25
pH: 11.0
Alkalinity: 95 mg/L
Water temperature: 20.3°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	2.3	µg/L	MA

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91
Depth to water: 136.08 ft (41.48 m) below TOC
Water elevation: 217.32 ft (66.24 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 168 gal
Time: 10:25
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 21.0°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	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	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,990	µg/L	GE
0	Chloride	1,970	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE

WELL MSB 21A collected on 08/01/91, 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	<4.0	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	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	4.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,220	µg/L	GE
0	Nitrate as nitrogen	1,200	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	1,810	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	Tetrachloroethylene	1.4	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	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
1	Trichloroethylene	4.1	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	60	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 ± 2.7E-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 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91
Depth to water: 136.44 ft (41.59 m) below TOC
Water elevation: 218.86 ft (66.71 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 200 gal
Time: 9:15
pH: 5.9
Alkalinity: 7 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.9	µg/L	GE
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	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	191	µg/L	GE
2	Trichloroethylene	203	µg/L	MA

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91
Depth to water: 136.44 ft (41.59 m) below TOC
Water elevation: 218.86 ft (66.71 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 200 gal
Time: 9:15
pH: 5.9
Alkalinity: 7 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.8	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	trans-1,2-Dichloroethylene	<10	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 21B collected on 08/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
2	Trichloroethylene	193	µg/L	GE
2	Trichloroethylene	205	µg/L	MA

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91 — Time: 9:35
Depth to water: 126.22 ft (38.47 m) below TOC — pH: 5.3
Water elevation: 227.18 ft (69.25 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 40 gal

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	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	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	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	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	211	µg/L	GE
0	Lead	3.4	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	880	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	1,010	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 organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	800	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	21	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.0E-09 ± 3.5E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91 — Time: 11:05
Depth to water: 158.95 ft (48.45 m) below TOC — pH: 5.6
Water elevation: 195.75 ft (59.67 m) msl — Alkalinity: 12 mg/L
Sp. conductance: 55 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 464 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Aluminum	83	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

WELL MSB 21TA collected on 08/01/91, 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	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	1,2-Dichloropropane	<1.0	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	Iron	75	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	22	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.1	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	1,800	µg/L	GE
0	Sulfate	10,400	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 organic halogens	5.4	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	Zinc	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 2.1E-09	µCi/mL	GE
2	Total radium	5.4E-09 ± 4.1E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91 — Time: 8:35
Depth to water: 149.79 ft (45.66 m) below TOC — pH: 5.3
Water elevation: 221.81 ft (67.61 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 133 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	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	1,610	µg/L	GE
0	Chloride	2,380	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	121	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	260	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	8,630	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,670	µg/L	GE
0	Sulfate	1,530	µg/L	GE
0	Sulfate	1,940	µg/L	GE
2	Tetrachloroethylene	156	µg/L	MA
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	224	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	513	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL MSB 23B collected on 08/14/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	2.2E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 173.58 ft (52.91 m) below TOC
Water elevation: 199.32 ft (60.75 m) msl
Sp. conductance: 29 µS/cm
No water was evacuated before sampling.

Time: 7:55
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.7°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	1.4	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 173.58 ft (52.91 m) below TOC
Water elevation: 199.32 ft (60.75 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 91 gal

Time: 8:25
pH: 5.7
Alkalinity: 9 mg/L
Water temperature: 20.2°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
1	Tetrachloroethylene	3.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	37	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 173.58 ft (52.91 m) below TOC
Water elevation: 199.32 ft (60.75 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 182 gal

Time: 8:55
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 20.9°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
1	Trichloroethylene	3.0	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 173.58 ft (52.91 m) below TOC
Water elevation: 199.32 ft (60.75 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 273 gal

Time: 9:25
pH 4.9
Alkalinity: 1 mg/L
Water temperature: 21.0°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	1.1	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 173.58 ft (52.91 m) below TOC
Water elevation: 199.32 ft (60.75 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 365 gal

Time: 9:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.7°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 MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 140.01 ft (42.68 m) below TOC
Water elevation: 220.89 ft (67.33 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 136 gal

Time: 12:35
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.2°C

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 146.66 ft (44.70 m) below TOC
Water elevation: 216.54 ft (66.00 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 221 gal

Time: 12:45
pH: 5.4
Alkalinity: 4 mg/L
Water temperature: 20.2°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
0	Tetrachloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	143	µg/L	MA

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 138.90 ft (42.34 m) below TOC
Water elevation: 236.60 ft (72.12 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 7 gal

Time: 11:40
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.6°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	6.3	µg/L	MA

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 153.92 ft (46.92 m) below TOC
Water elevation: 222.88 ft (67.93 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 153 gal

Time: 11:30
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<20	µg/L	MA
0	Chloroform	<20	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	1,1-Dichloroethylene	<20	µg/L	MA
0	trans-1,2-Dichloroethylene	<20	µg/L	MA
0	trans-1,2-Dichloroethylene	<20	µg/L	MA
0	Tetrachloroethylene	<20	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 27B collected on 07/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<20	µg/L	MA
0	1,1,1-Trichloroethane	<20	µg/L	MA
0	1,1,1-Trichloroethane	<20	µg/L	MA
2	Trichloroethylene	1,130	µg/L	MA
2	Trichloroethylene	1,170	µg/L	MA

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 178.65 ft (54.45 m) below TOC
Water elevation: 197.95 ft (60.34 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 387 gal
Time: 12:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.3°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91
Depth to water: 126.71 ft (38.62 m) below TOC
Water elevation: 227.69 ft (69.40 m) msl
Sp. conductance: 66 µS/cm
Water evacuated before sampling: 45 gal
Time: 11:40
pH: 6.8
Alkalinity: 23 mg/L
Water temperature: 19.0°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 146.76 ft (44.73 m) below TOC
Water elevation: 218.64 ft (66.64 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 272 gal
Time: 11:00
pH: 5.9
Alkalinity: 10 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	40	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	22	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<10	µg/L	GE

WELL MSB 29A collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	2-sec-Butyl-4,6-dinitrophenol	<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	1,620	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	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	<0.10	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	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)	<1.0	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	<20	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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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

WELL MSB 29A collected on 08/09/91, 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-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	48	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	Manganese	21	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	<1.0	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	590	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,780	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	4,480	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

WELL MSB 29A collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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	1,2,4-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	15	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.1E-09	µCi/mL	GE
0	Total radium	1.4E-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: 08/09/91
Depth to water: 142.02 ft (43.29 m) below TOC
Water elevation: 223.18 ft (68.03 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 198 gal

Time: 10:45
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 21.0°C

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	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	31	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	6.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	2,500	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

ANALYTICAL RESULTS

WELL MSB 29B collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.10	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	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)	<1.0	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	<20	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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE

WELL MSB 29B collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	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	1,270	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,190	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,310	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 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	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

WELL MSB 29B collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Xylenes	<1.0	µg/L	GE
0	Zinc	8.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 135.42 ft (41.28 m) below TOC
Water elevation: 229.78 ft (70.04 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 142 gal
Time: 10:00
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	2,080	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	<0.10	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	Dialiate	<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

WELL MSB 29C collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1.0	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	<20	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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	Manganese	2.4	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	<1.0	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

ANALYTICAL RESULTS

WELL MSB 29C collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,370	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,260	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	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	12	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	1,2,4-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	Total radium	2.0E-09 ± 2.8E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 135.42 ft (41.28 m) below TOC
Water elevation: 229.78 ft (70.04 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 142 gal

Time: 10:00
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.0°C

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	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	6.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	2,050	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL MSB 29C collected on 08/09/91, 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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	Manganese	2.7	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	<1.0	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	1,370	µg/L	GE
0	Nitrate as nitrogen	1,340	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

WELL MSB 29C collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,250	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 organic carbon	<1,000	µg/L	GE
2	Total organic halogens	63	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	1,2,4-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	8.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.7E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 Time: 11:20
Depth to water: 133.66 ft (40.74 m) below TOC pH: 4.6
Water elevation: 231.44 ft (70.54 m) msl Alkalinity: 0 mg/L
Sp. conductance: 32 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	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)	<1.0	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	<0.050	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 29D collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	30	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	7.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	2,820	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 (Metnyl 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	7.8	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	<0.10	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	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)	<1.0	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	<20	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

WELL MSB 29D collected on 08/09/91, 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	<0.0060	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	25	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	Manganese	2.8	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	<1.0	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	1,620	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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

WELL MSB 29D collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Phorate	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,630	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	5,550	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	<2.0	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
1	Total organic halogens	25	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	1,2,4-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	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	8.7	µg/L	GE
0	Gross alpha	3.1E-09 ± 1.5E-09	µCi/mL	GE
2	Total radium	6.5E-09 ± 4.0E-09	µCi/mL	GE

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 154.88 ft (47.21 m) below TOC
Water elevation: 210.32 ft (64.11 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 394 gal

Time: 9:30
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE

WELL MSB 29TA collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	2-sec-Butyl-4,6-dinitrophenol	<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	1,700	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	6.9	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	<0.10	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	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)	<1.0	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	<20	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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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

ANALYTICAL RESULTS

WELL MSB 29TA collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	71	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	Manganese	13	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	<1.0	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	510	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,550	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,330	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

WELL MSB 29TA collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	25	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	1,2,4-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
1	Trichloroethylene	3.0	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	8.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.5E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 11:20
Depth to water: 159.38 ft (48.57 m) below TOC — pH: 6.1
Water elevation: 195.24 ft (59.51 m) msl — Alkalinity: 20 mg/L
Sp. conductance: 64 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 442 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 — Time: 10:00
Depth to water: 130.94 ft (39.91 m) below TOC — pH: 5.9
Water elevation: 221.66 ft (67.56 m) msl — Alkalinity: 12 mg/L
Sp. conductance: 76 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 74 gal
The well went dry during purging.

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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 11:00
Depth to water: 129.23 ft (39.39 m) below TOC — pH: 4.2
Water elevation: 223.87 ft (68.24 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 261 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 — Time: 11:45
Depth to water: 125.80 ft (38.34 m) below TOC — pH: 5.0
Water elevation: 229.10 ft (69.83 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 31 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	<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	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/11/91 — Time: 11:45
Depth to water: 125.80 ft (38.34 m) below TOC — pH: 5.0
Water elevation: 229.10 ft (69.83 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 31 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	<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	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 10:15
Depth to water: 130.03 ft (39.63 m) below TOC — pH: 4.8
Water elevation: 223.67 ft (68.18 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 168 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 8:20
Depth to water: 151.88 ft (46.29 m) below TOC — pH: 5.0
Water elevation: 195.32 ft (59.53 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 13 µS/cm — Water temperature: 22.3°C
Water evacuated before sampling: 480 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	15	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

WELL MSB 31A collected on 07/31/91, 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	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	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	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	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	4.2	µg/L	GE
0	Mercury	<0.20	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,460	µg/L	GE
0	Sulfate	3,130	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 halogens	<10	µg/L	LC
0	Total phosphates (as P)	<100	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	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	2.2E-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	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 8:40
Depth to water: 138.26 ft (42.14 m) below TOC — pH: 5.0
Water elevation: 209.24 ft (63.78 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
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	Carbon tetrachloride	1.5	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	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	Iron	7.5	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 31B collected on 07/31/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	3.7	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	Nitrate as nitrogen	1,590	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	1,980	µg/L	GE
0	Sulfate	1,610	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	318	µg/L	GE
0	Toluene	<1.0	µg/L	GE
2	Total organic halogens	500	µg/L	LC
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
2	Trichloroethylene	851	µg/L	GE
0	Trichlorofluoromethane	<1.0	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
2	Total radium	1.2E-08 ± 1.3E-08	µCi/mL	GE
2	Total radium	1.1E-08 ± 1.2E-08	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 7:35
Depth to water: 137.37 ft (41.87 m) below TOC — pH: 6.2
Water elevation: 211.43 ft (64.44 m) msl — Alkalinity: 11 mg/L
Sp. conductance: 58 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 82 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	19	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	281	µg/L	MA

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 14:40
Depth to water: 30.47 ft (9.29 m) below TOC — pH: 5.0
Water elevation: 224.83 ft (68.53 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 71 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91 — Time: 12:40
Depth to water: 30.32 ft (9.24 m) below TOC — pH: 4.8
Water elevation: 224.98 ft (68.57 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
	Arsenic	<2.0	µg/L	GE
	Barium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	163	µg/L	GE
0	Chloride	2,690	µg/L	GE
0	Chromium	<4.0	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	117	µg/L	GE

WELL MSB 32 collected on 07/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	570	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	6,260	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,510	µg/L	GE
0	Sulfate	1,170	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	<10	µg/L	LC
0	Total phosphates (as P)	180	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 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 — Time: 15:25
Depth to water: 37.56 ft (11.45 m) below TOC — pH: 4.8
Water elevation: 219.04 ft (66.76 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 26 gal

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 — Time: 9:30
Depth to water: 51.71 ft (15.76 m) below TOC — pH: 4.8
Water elevation: 203.69 ft (62.09 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 313 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	15	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	908	µg/L	GE
0	Chloride	1,800	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	306	µg/L	GE
0	Manganese	<2.0	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	9,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,660	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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)	<100	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 ± 2.0E-09	µCi/mL	GE
1	Total radium	3.8E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: 48.08 ft (14.65 m) below TOC
Water elevation: 207.12 ft (63.13 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 223 gal
Time: 10:00
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	25	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	618	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,140	µg/L	GE
0	Chloroform	<1.0	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	284	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,080	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	10,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,170	µg/L	GE
0	Sulfate	1,200	µg/L	GE
2	Tetrachloroethylene	21	µg/L	GE
2	Tetrachloroethylene	28	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	23	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	17	µg/L	GE
0	Trichloroethylene	<10	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 1.8E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: 48.08 ft (14.65 m) below TOC
Water elevation: 207.12 ft (63.13 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 223 gal
Time: 10:00
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.3	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	<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	618	µg/L	GE
0	Calcium	615	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,380	µg/L	GE
0	Chloride	3,200	µg/L	GE
0	Chloroform	<1.0	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	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	Iron	4.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	283	µg/L	GE

WELL MSB 33B collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	284	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	1,100	µg/L	GE
0	Nitrate as nitrogen	1,140	µg/L	GE
0	Nitrate as nitrogen	1,030	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	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,300	µg/L	GE
0	Silica	10,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,130	µg/L	GE
0	Sodium	4,130	µg/L	GE
0	Sulfate	1,180	µg/L	GE
0	Sulfate	1,180	µg/L	GE
2	Tetrachloroethylene	24	µg/L	GE
2	Tetrachloroethylene	22	µg/L	GE
2	Tetrachloroethylene	21	µg/L	MA
0	Total dissolved solids	28,000	µg/L	GE
0	Total dissolved solids	28,000	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	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	22	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	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	MA
2	Trichloroethylene	17	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
2	Trichloroethylene	16	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 1.7E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	8.8E-07 ± 2.0E-07	µCi/mL	GE
0	Tritium	8.2E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 44.92 ft (13.69 m) below TOC
Water elevation: 210.38 ft (64.12 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 113 gal
Time: 15:35
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 21.5°C

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: 61.79 ft (18.83 m) below TOC
Water elevation: 193.71 ft (59.04 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 457 gal
Time: 10:30
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.6	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	941	µg/L	GE
0	Chloride	1,810	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	89	µg/L	GE
0	Lead	3.8	µg/L	GE
0	Magnesium	259	µg/L	GE
2	Manganese	55	µg/L	GE
0	Mercury	0.22	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

ANALYTICAL RESULTS

WELL MSB 33TA collected on 07/27/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silica	8,790	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,430	µg/L	GE
0	Sulfate	2,350	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)	190	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	Total radium	1.6E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 159.38 ft (48.58 m) below TOC
Water elevation: 223.72 ft (68.19 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 110 gal
Time: 13:45
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 21.9°C

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 34 gal
Time: 7:45
pH: 4.
Alkalinity, 0 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	691	µg/L	GE
0	Chloride	1,380	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	6.1	µg/L	GE
1	Lead	8.6	µg/L	GE
0	Magnesium	271	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,330	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	7,130	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,810	µg/L	GE
0	Sulfate	3,780	µg/L	GE
2	Tetrachloroethylene	19	µg/L	MA
0	Total dissolved solids	15,000	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)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	92	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 2.5E-09	µCi/mL	GE
2	Total radium	5.2E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 182.32 ft (55.57 m) below TOC
Water elevation: 200.18 ft (61.02 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 792 gal
Time: 8:20
pH: 5.9
Alkalinity: 9 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	25	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	2,680	µg/L	GE
0	Chloride	2,000	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
1	Iron	265	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	183	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Nitrate as nitrogen	330	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	8,380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,490	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	42,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	47	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	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 ± 2.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 181.78 ft (55.41 m) below TOC
Water elevation: 201.02 ft (61.27 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 356 gal
Time: 7:15
pH: 5.2
Alkalinity: 4 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	25	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	1,440	µg/L	GE
0	Chloride	1,970	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	296	µg/L	GE
1	Lead	13	µg/L	GE
0	Magnesium	202	µg/L	GE
0	Manganese	10	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,060	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,690	µg/L	GE
0	Sulfate	5,710	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	42,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	356	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL MSB 34TB collected on 08/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.0E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91 Time: 11:30
Depth to water: 135.81 ft (41.40 m) below TOC pH: 4.7
Water elevation: 215.29 ft (65.62 m) msl Alkalinity: 1 mg/L
Sp. conductance: 15 µS/cm Water temperature: 24.6°C
Water evacuated before sampling: 236 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	949	µg/L	GE
0	Chloride	2,620	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	473	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	840	µg/L	GE
0	Nitrate as nitrogen	840	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	15,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,960	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	45,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	273	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.3	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: 08/05/91 Time: 11:50
Depth to water: 136.58 ft (41.63 m) below TOC pH: 5.7
Water elevation: 215.22 ft (65.60 m) msl Alkalinity: 13 mg/L
Sp. conductance: 27 µS/cm Water temperature: 27.7°C
Water evacuated before sampling: 132 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	30	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	2,630	µg/L	GE
0	Chloride	3,100	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	154	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	200	µg/L	GE
0	Nitrate as nitrogen	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	8,390	µg/L	GE

WELL MSB 35B collected on 08/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	3,570	µg/L	GE
0	Sulfate	1,210	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	42,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	92	µg/L	GE
0	Total phosphates (as P)	<100	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 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 Time: 14:55
The well was dry.

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91 Time: 12:00
Depth to water: 154.42 ft (47.07 m) below TOC pH: 5.0
Water elevation: 195.98 ft (59.74 m) msl Alkalinity: 2 mg/L
Sp. conductance: 14 µS/cm Water temperature: 27.5°C
Water evacuated before sampling: 424 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	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	521	µg/L	GE
0	Chloride	1,850	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	102	µg/L	GE
0	Lead	6.6	µg/L	GE
0	Magnesium	228	µg/L	GE
0	Manganese	6.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	270	µg/L	GE
0	Nitrate as nitrogen	270	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	8,510	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic carbon	12,000	µg/L	GE
2	Total organic halogens	63	µg/L	GE
0	Total phosphates (as P)	<100	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 ± 2.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91 Time: 8:00
Depth to water: 132.46 ft (40.37 m) below TOC pH: 4.5
Water elevation: 208.14 ft (63.44 m) msl Alkalinity: 1 mg/L
Sp. conductance: 33 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 286 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	33	µg/L	GE
0	Arsenic	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 36A collected on 08/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	2,410	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	Copper	8.6	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	1,2-Dichloropropane	<1.0	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	Iron	51	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Manganese	41	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.7	µg/L	GE
0	Nitrate as nitrogen	200	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	1,760	µg/L	GE
0	Sulfate	6,450	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 halogens	34	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
2	Trichloroethylene	24	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	19	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09 ± 2.1E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 11:35
Depth to water: 126.82 ft (38.66 m) below TOC — pH: 5.0
Water elevation: 213.98 ft (65.22 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	22	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	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)	<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

WELL MSB 36C collected on 07/31/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	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	1,540	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	2,220	µg/L	GE
0	Sulfate	3,850	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
2	Total organic halogens	90	µg/L	LC
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
2	Trichloroethylene	137	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	7.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.3E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91 — Time: 7:00
Depth to water: 112.19 ft (34.20 m) below TOC — pH: 6.4
Water elevation: 229.31 ft (69.89 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 71 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Ammonia nitrogen	<100	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	9,700	µg/L	GE
0	Chloride	9,800	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	56	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	Iron	<4.0	µg/L	GE
0	Lead	4.3	µg/L	GE
2	Manganese	158	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	14	µg/L	GE
0	Nitrate as nitrogen	1,090	µg/L	GE
0	Nitrate as nitrogen	1,070	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	7,780	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 halogens	<5.0	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	Zinc	74	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL MSB 36D collected on 08/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.7E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 147.30 ft (44.90 m) below TOC
Water elevation: 193.30 ft (58.92 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 376 gal
Time: 12:45
pH: 5.4
Alkalinity: 5 mg/L
Water temperature: 24.1°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	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	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	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	1,2-Dichloropropane	<1.0	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	Iron	1,290	µg/L	GE
0	Lead	4.2	µg/L	GE
2	Manganese	64	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	1,510	µg/L	GE
0	Sulfate	3,620	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.2	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
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	1.8	µg/L	GE
0	Trichlorofluoromethane	<1.0	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	Total radium	2.0E-09 ± 2.7E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/01/91
Depth to water: 175.83 ft (53.59 m) below TOC
Water elevation: 207.27 ft (63.18 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 90 gal
The well went dry during purging.
Time: 11:30
pH: 6.5
Alkalinity: 11 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
1	Cadmium	6.8	µg/L	GE
0	Calcium	6,260	µg/L	GE
0	Chloride	1,580	µg/L	GE

WELL MSB 37A collected on 08/01/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	7.2	µg/L	GE
0	Magnesium	427	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	710	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	8,080	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,690	µg/L	GE
0	Sulfate	5,700	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA
0	Total dissolved solids	50,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.4	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	50	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 154.63 ft (47.13 m) below TOC
Water elevation: 228.17 ft (69.55 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 236 gal
Time: 15:45
pH: 5.6
Alkalinity: 6 mg/L
Water temperature: 24.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,420	µg/L	GE
0	Chloride	1,650	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	238	µg/L	GE
0	Manganese	<2.0	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	693	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	2,340	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	11	µg/L	MA
0	Total dissolved solids	13,000	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	140	µg/L	LC
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	186	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 ± 3.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 156.71 ft (47.77 m) below TOC
Water elevation: 226.39 ft (69.00 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 132 gal
Time: 14:30
pH: 5.4
Alkalinity: 5 mg/L
Water temperature: 21.5°C

ANALYTICAL RESULTS

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 Time: 14:05
Depth to water: 152.88 ft (46.63 m) below TOC
Water elevation: 229.82 ft (70.05 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 Time: 13:30
Depth to water: 143.04 ft (43.60 m) below TOC pH: 5.8
Water elevation: 213.26 ft (65.00 m) msl Alkalinity: 7 mg/L
Sp. conductance: 63 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 135 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	211	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	385	µg/L	MA

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 Time: 13:00
The well was dry.

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 Time: 14:00
Depth to water: 163.70 ft (49.90 m) below TOC pH: 4.8
Water elevation: 193.00 ft (58.83 m) msl Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 439 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91 Time: 13:45
Depth to water: 163.43 ft (49.81 m) below TOC pH: 4.9
Water elevation: 193.27 ft (58.91 m) msl Alkalinity: 1 mg/L
Sp. conductance: 18 µS/cm Water temperature: 25.9°C
Water evacuated before sampling: 440 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	15	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	521	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	407	µg/L	GE
0	Lead	5.6	µg/L	GE
0	Magnesium	202	µg/L	GE
0	Manganese	22	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	860	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	8,740	µg/L	GE

WELL MSB 38TA collected on 08/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	1,310	µg/L	GE
0	Sulfate	1,250	µg/L	GE
0	Total dissolved solids	54,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	132	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	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 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 Time: 10:45
Depth to water: 136.70 ft (41.67 m) below TOC pH: 5.5
Water elevation: 204.90 ft (62.45 m) msl Alkalinity: 6 mg/L
Sp. conductance: 36 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 76 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	<20	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
1	Cadmium	9.1	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	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Manganese	34	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	7.1	µg/L	GE
0	Nitrate as nitrogen	240	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	1,920	µg/L	GE
0	Sulfate	10,000	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 halogens	<5.0	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
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	92	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	Uranium alpha activity	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 — Time: 8:10
Depth to water: 132.14 ft (40.28 m) below TOC — pH: 4.6
Water elevation: 209.66 ft (63.91 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 212 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 168 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	160	µS/cm	GE
0	Aluminum	72	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	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,550	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	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	25	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	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	Iron	7.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	0.70	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	21,000	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	23,700	µg/L	GE
0	Sulfate	4,970	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	185	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total organic halogens	34	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	19	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	175	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	7.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.0E-09 ± 2.5E-09	µCi/mL	GE
2	Total radium	6.1E-09 ± 4.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 — Time: 7:25
Depth to water: 128.74 ft (39.24 m) below TOC — pH: 4.6
Water elevation: 212.76 ft (64.85 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 46 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Aluminum	71	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	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

WELL MSB 39C collected on 07/30/91, 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	<4.0	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)	11	µg/L	GE
0	1,2-Dichloropropane	<1.0	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	6.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,250	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	3,210	µg/L	GE
0	Sulfate	8,620	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
1	Total organic halogens	28	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
2	Trichloroethylene	63	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	8.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 1.9E-09	µCi/mL	GE
1	Total radium	3.7E-09 ± 3.3E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 — Time: 7:05
Depth to water: 112.19 ft (34.20 m) below TOC — pH: 5.5
Water elevation: 229.51 ft (69.96 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Ammonia nitrogen	<100	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.9	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	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	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)	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	Iron	50	µg/L	GE
1	Lead	9.0	µg/L	GE
0	Manganese	7.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,620	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 39D collected on 07/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	3,120	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 organic halogens	<5.0	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	Zinc	21	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 ± 2.9E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91
Depth to water: 149.37 ft (45.53 m) below TOC
Water elevation: 192.43 ft (58.65 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 384 gal
Time: 7:35
pH: 5.4
Alkalinity: 2 mg/L
Water temperature: 21.2°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	Arsenic	<2.0	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	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	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	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	Iron	917	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	0.87	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	1,420	µg/L	GE
0	Sulfate	9,720	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 halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	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	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	7.6	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 ± 2.4E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91
Depth to water: 121.81 ft (37.13 m) below TOC
Water elevation: 199.39 ft (60.77 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 228 gal
Time: 9:30
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Aluminum	56	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	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	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)	14	µg/L	GE
0	1,2-Dichloropropane	<1.0	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	Iron	1,520	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Manganese	40	µg/L	GE
0	Mercury	0.32	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	1,960	µg/L	GE
0	Sulfate	34,900	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 halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	160	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	25	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.5E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 40 gal
Time: 10:15
pH: 5.4
Alkalinity: 2 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	45	µS/cm	GE
1	Aluminum	120	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	2,790	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

WELL MSB 40C collected on 07/30/91, 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	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)	5.0	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	Iron	383	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Manganese	91	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	Silver	<2.0	µg/L	GE
0	Sodium	2,230	µg/L	GE
0	Sulfate	14,000	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 halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	770	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	Zinc	24	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.

Time: 9:40
pH: 5.7
Alkalinity: 3 mg/L
Water temperature: 23.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	31	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.0	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	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	Copper	527	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	1,2-Dichloropropane	<1.0	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	Iron	<4.0	µg/L	GE
1	Lead	11	µg/L	GE
2	Manganese	88	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	21	µg/L	GE
0	Nitrate as nitrogen	710	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	6,700	µg/L	GE

WELL MSB 40D collected on 07/31/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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 halogens	10	µg/L	LC
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	Zinc	129	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	Uranium alpha activity	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91
Depth to water: 135.65 ft (41.35 m) below TOC
Water elevation: 185.15 ft (56.43 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 420 gal

Time: 10:00
pH: 5.5
Alkalinity: 3 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	<20	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	2,410	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	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)	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
2	Iron	782	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Manganese	62	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	1,550	µg/L	GE
0	Sulfate	4,380	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 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	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	5.4	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	Total radium	<1.0E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 Time: 13:20
Depth to water: 109.36 ft (33.33 m) below TOC pH: 5.8
Water elevation: 214.44 ft (65.36 m) msl Alkalinity: 9 mg/L
Sp. conductance: 40 µS/cm Water temperature: 24.7°C
Water evacuated before sampling: 344 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	6.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,680	µg/L	GE
0	Chloride	1,730	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	366	µg/L	GE
0	Manganese	3.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,280	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	9,010	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,690	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	1.1	µg/L	MA
0	Total dissolved solids	66,000	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)	<100	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	1.8E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	9.1E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 Time: 14:20
Depth to water: 106.69 ft (32.52 m) below TOC pH: 5.2
Water elevation: 217.31 ft (66.24 m) msl Alkalinity: 3 mg/L
Sp. conductance: 22 µS/cm Water temperature: 24.1°C
Water evacuated before sampling: 284 gal

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	6.6	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,140	µg/L	GE
0	Chloride	1,510	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	326	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,180	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	7,950	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,450	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	9.5	µg/L	MA
0	Total dissolved solids	34,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	64	µg/L	GE
0	Total phosphates (as P)	<100	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

WELL MSB 41B collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 Time: 14:40
Depth to water: 111.13 ft (33.87 m) below TOC pH: 4.9
Water elevation: 213.47 ft (65.07 m) msl Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 172 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	535	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Manganese	4.4	µg/L	GE
0	Mercury	<0.20	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	7,890	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,290	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
2	Total organic halogens	159	µg/L	GE
0	Total phosphates (as P)	<100	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	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 Time: 14:45
The well was dry.

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 Time: 14:10
Depth to water: 122.47 ft (37.33 m) below TOC pH: 5.1
Water elevation: 201.23 ft (61.34 m) msl Alkalinity: 5 mg/L
Sp. conductance: 22 µS/cm Water temperature: 23.2°C
Water evacuated before sampling: 468 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	6.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	875	µg/L	GE
0	Chloride	2,020	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	235	µg/L	GE
0	Lead	5.3	µg/L	GE
0	Magnesium	286	µg/L	GE
1	Manganese	43	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	800	µg/L	GE

WELL MSB 41TA collected on 08/09/91, 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	8,050	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,720	µg/L	GE
0	Sulfate	1,760	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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)	<100	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	<7.0E-07	µCi/mL	GE

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 151.38 ft (46.14 m) below TOC
Water elevation: 225.12 ft (68.62 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 164 gal
Time: 9:20
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 23.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	419	µg/L	GE
0	Chloride	2,340	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	216	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.22	µg/L	GE
0	Nitrate as nitrogen	660	µg/L	GE
0	Nitrate as nitrogen	660	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	7,990	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,250	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	31,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	135	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	76	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	2.5E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 148.69 ft (45.32 m) below TOC
Water elevation: 227.81 ft (69.44 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 72 gal
Time: 9:45
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	25	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	1,140	µg/L	GE
0	Chloride	3,000	µg/L	GE

WELL MSB 42C collected on 08/05/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	387	µg/L	GE
0	Manganese	5.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	620	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	7,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,210	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	4.1	µg/L	MA
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	57	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	8.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
The well was dry.
Time: 13:55

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 171.35 ft (52.23 m) below TOC
Water elevation: 205.35 ft (62.59 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 428 gal
Time: 10:20
pH: 5.2
Alkalinity: 4 mg/L
Water temperature: 25.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	15	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	655	µg/L	GE
0	Chloride	1,650	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	Fluoride	<100	µg/L	GE
1	Iron	154	µg/L	GE
1	Lead	12	µg/L	GE
0	Magnesium	270	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	490	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	8,340	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,540	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	4.4	µg/L	MA
0	Total dissolved solids	29,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	152	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	7.9	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 ± 3.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 Time: 9:15
Depth to water: 133.86 ft (40.80 m) below TOC pH: 5.0
Water elevation: 224.04 ft (68.29 m) msl Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 230 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	5.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	1,340	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL MSB 43A collected on 08/08/91, 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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	Manganese	4.8	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	<1.0	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	1,120	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

WELL MSB 43A collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,430	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 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	1,2,4-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	9.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.5E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 9:45
Depth to water: 129.83 ft (39.57 m) below TOC — pH: 4.9
Water elevation: 228.17 ft (69.55 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 150 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	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE

WELL MSB 43B collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	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	3.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	1,740	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	<0.10	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	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)	<1.0	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	<20	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

ANALYTICAL RESULTS

WELL MSB 43B collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	Manganese	2.9	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	<1.0	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	1,360	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	µg/L	GE

WELL MSB 43B collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,990	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 organic carbon	<1,000	µg/L	GE
1	Total organic halogens	29	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	1,2,4-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	12	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	4.1E-09 ± 3.6E-09	µCi/mL	GE
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 Time: 9:45
Depth to water: 129.83 ft (39.57 m) below TOC pH: 4.9
Water elevation: 228.17 ft (69.55 m) msl Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 150 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	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	3.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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

WELL MSB 43B collected on 08/08/91, 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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<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	1,790	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	<0.10	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	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)	<1.0	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	<20	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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-HXCDD	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE

WELL MSB 43B collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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	<1.0	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	1,380	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,050	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

ANALYTICAL RESULTS

WELL MSB 43B collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	o-Toluidine	<10	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)	<100	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-Trichlorcethane	<1.0	µg/L	GE
0	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
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.7E-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 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91
Depth to water: 127.51 ft (38.87 m) below TOC
Water elevation: 229.99 ft (70.10 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 76 gal
Time: 10:45
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 20.7°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	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	31	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	4.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	1,960	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

WELL MSB 43D collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	4.9	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	<0.10	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	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)	<1.0	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	<20	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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	33	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
1	Manganese	35	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	<1.0	µg/L	GE
0	Methyl isobutyl ketone	<1.0	µg/L	GE

WELL MSB 43D collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	880	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,620	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	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	15	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	1,2,4-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	7.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.6E-09	µCi/mL	GE

WELL MSB 43D collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Uranium alpha activity	<1.0E-09	µCi/mL	GE

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 Time: 10:15
Depth to water: 156.84 ft (47.81 m) below TOC pH: 4.7
Water elevation: 200.76 ft (61.19 m) msl Alkalinity: 0 mg/L
Sp. conductance: 17 µS/cm Water temperature: 21.8°C
Water evacuated before sampling: 430 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<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	2,190	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	5.9	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	<0.10	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	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)	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 43TA collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<20	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	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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
1	Iron	208	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
1	Manganese	28	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	<1.0	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	93	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

WELL MSB 43TA collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	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	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,350	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,910	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	12	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	1,2,4-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	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	5.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.6E-09 ± 3.4E-09	µCi/mL	GE

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 Time: 6:45
Depth to water: 161.82 ft (49.32 m) below TOC pH: 5.1
Water elevation: 215.08 ft (65.56 m) msl Alkalinity: 2 mg/L
Sp. conductance: 22 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 240 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	3.2	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL MSB 44A collected on 08/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	763	µg/L	GE
0	Chloride	1,870	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	36	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	203	µg/L	GE
0	Manganese	9.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	370	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,730	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,820	µg/L	GE
0	Sulfate	1,910	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
2	Total organic halogens	275	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Trichloroethylene	4.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: 155.74 ft (47.47 m) below TOC
Water elevation: 221.36 ft (67.47 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 124 gal

Time: 6:10
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	25	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	669	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,760	µg/L	GE
0	Chloroform	1.1	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	6.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	188	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.82	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	7,260	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,970	µg/L	GE
0	Sulfate	1,840	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	45,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	160	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-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	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	<7.0E-07	µCi/mL	GE

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: 155.74 ft (47.47 m) below TOC
Water elevation: 221.36 ft (67.47 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 124 gal

Time: 6:10
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.2	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 MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91
Depth to water: 145.39 ft (44.32 m) below TOC
Water elevation: 232.51 ft (70.87 m) msl
Sp. conductance: 205 µS/cm
Water evacuated before sampling: 2 gal

Time: 7:40
pH: 6.7
Alkalinity: 98 mg/L
Water temperature: 25.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	190	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	27,100	µg/L	GE
0	Chloride	3,520	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	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,860	µg/L	GE
1	Manganese	44	µg/L	GE
2	Mercury	4.3	µg/L	GE
0	Nitrate as nitrogen	500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,870	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	11,000	µg/L	GE
0	Sulfate	19,200	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	158,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
2	Total organic halogens	500	µg/L	GE
0	Total phosphates (as P)	3,400	µg/L	GE
0	Total phosphates (as P)	3,400	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	4.1E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	8.0E-09 ± 3.2E-09	µCi/mL	GE
2	Total radium	4.2E-08 ± 1.1E-08	µCi/mL	GE
2	Total radium	3.8E-08 ± 1.1E-08	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91
Depth to water: 157.06 ft (47.87 m) below TOC
Water elevation: 224.04 ft (68.29 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 116 gal

Time: 6:15
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 20.4°C

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	<3.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 45B collected on 07/31/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	56	µg/L	GE
0	Chloride	3,440	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	24	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	35	µg/L	GE
0	Manganese	<2.0	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	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,010	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,310	µg/L	GE
0	Sulfate	7,680	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Total dissolved solids	66,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 Time: 14:15
The well was dry.

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 Time: 9:45
Depth to water: 159.47 ft (48.61 m) below TOC pH: 9.3
Water elevation: 213.23 ft (64.99 m) msl Alkalinity: 33 mg/L
Sp. conductance: 120 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 50 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.5	pH	GE
0	Specific conductance	105	µS/cm	GE
0	Arsenic	2.4	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,910	µg/L	GE
0	Chloride	1,660	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	307	µg/L	GE
0	Fluoride	310	µg/L	GE
0	Iron	8.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	256	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.29	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	9,940	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	27,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,830	µg/L	GE
0	Sulfate	14,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	107,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	161	µg/L	GE
0	Total phosphates (as P)	<100	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	8.8E-09 ± 2.5E-09	µCi/mL	GE
1	Total radium	3.2E-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 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91 Time: 16:05
Depth to water: Not available pH: 5.3
Water elevation: Not available Alkalinity: 6 mg/L
Sp. conductance: 30 µS/cm Water temperature: 26.1°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	30	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	632	µg/L	GE
0	Chloride	2,810	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	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	72	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	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,950	µg/L	GE
0	Sulfate	4,510	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	37,000	µg/L	GE
0	Total dissolved solids	45,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	112	µg/L	GE
0	Total phosphates (as P)	<100	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	3.3E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	7.5E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 Time: 14:10
The well was dry.

WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91 Time: 17:15
Depth to water: 152.23 ft (46.40 m) below TOC pH: 7.0
Water elevation: 216.87 ft (66.10 m) msl Alkalinity: 25 mg/L
Sp. conductance: 56 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 264 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	40	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	4,720	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

WELL MSB 47BB collected on 08/05/91, 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	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	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	195	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	960	µg/L	GE
0	Nitrate as nitrogen	960	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,710	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,440	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	123,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	58	µg/L	GE
2	Total organic halogens	66	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
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	3.0E-09 ± 2.2E-09	µCi/mL	GE
1	Total radium	4.4E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/05/91
Depth to water: 138.08 ft (42.09 m) below TOC
Water elevation: 231.12 ft (70.45 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 15 gal

Time: 17:30
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 25.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	43	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,570	µg/L	GE
0	Chloride	5,750	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	1,370	µg/L	GE
1	Manganese	40	µg/L	GE
0	Mercury	0.26	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	555	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,760	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,420	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	62,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	188	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.3	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.2E-09	µCi/mL	GE
2	Total radium	1.1E-08 ± 5.0E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91
Depth to water: 140.42 ft (42.80 m) below TOC
Water elevation: 221.78 ft (67.60 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 252 gal

Time: 7:25
pH: 5.9
Alkalinity: 6 mg/L
Water temperature: 20.5°C

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	8.1	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	2,360	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,370	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)	<1.0	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	464	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.23	µg/L	GE
0	Nitrate as nitrogen	1,490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	679	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	Sodium	1,890	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	<1,000	µg/L	GE
0	Total organic halogens	<10	µg/L	LC
0	Total organic halogens	<10	µg/L	LC
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 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91
Depth to water: 139.44 ft (42.50 m) below TOC
Water elevation: 223.46 ft (68.11 m) msl
Sp. conductance: 67 µS/cm
Water evacuated before sampling: 124 ga'

Time: 7:45
pH: 6.7
Alkalinity: 19 mg/L
Water temperature: 20.2°C

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	12	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,040	µg/L	GE
0	Chloride	2,270	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

ANALYTICAL RESULTS

WELL MSB 48C collected on 08/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethylene	<2.0	µg/L	MA
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	562	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,020	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	878	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,480	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	Tetrachloroethylene	<2.0	µg/L	MA
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
2	Total organic halogens	50	µg/L	LC
0	Total phosphates (as P)	<100	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	66	µg/L	MA
2	Trichloroethylene	74	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.4E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	9.5E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 Time: 6:45
Depth to water: 131.62 ft (40.12 m) below TOC
Water elevation: 231.58 ft (70.59 m) msl
The well pumped dry before all field parameters were collected.

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 Time: 7:05
Depth to water: 141.43 ft (43.11 m) below TOC pH: 7.6
Water elevation: 220.97 ft (67.35 m) msl Alkalinity: 26 mg/L
Sp. conductance: 67 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 308 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	50	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	6,730	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,480	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	379	µg/L	GE
0	Manganese	7.6	µg/L	GE
0	Mercury	0.23	µg/L	GE
0	Nitrate as nitrogen	1,380	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	8,620	µg/L	GE
0	Silver	<2.0	µg/L	GE

WELL MSB 48TA collected on 08/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	2,420	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.6	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	<10	µg/L	LC
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	1.6	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	2.8E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 Time: 14:15
Depth to water: 143.91 ft (43.86 m) below TOC pH: 5.0
Water elevation: 191.49 ft (58.37 m) msl Alkalinity: 3 mg/L
Sp. conductance: 22 µS/cm Water temperature: 25.0°C
Water evacuated before sampling: 312 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 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 Time: 13:45
Depth to water: 136.50 ft (41.61 m) below TOC pH: 6.3
Water elevation: 198.30 ft (60.44 m) msl Alkalinity: 31 mg/L
Sp. conductance: 68 µS/cm Water temperature: 27.9°C
Water evacuated before sampling: 232 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	60	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	8,240	µg/L	GE
0	Chloride	1,990	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	478	µg/L	GE
0	Manganese	6.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,420	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,640	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	16,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,950	µg/L	GE
0	Sulfate	1,520	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	66,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	488	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	73	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 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 — Time: 14:45
Depth to water: 109.02 ft (33.23 m) below TOC — pH: 5.9
Water elevation: 225.18 ft (68.64 m) msl — Alkalinity: 15 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 26.8°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

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	16	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,310	µg/L	GE
0	Chloride	2,220	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	583	µg/L	GE
0	Manganese	10	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	1,310	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,180	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,710	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
2	Total organic halogens	257	µg/L	GE
0	Total phosphates (as P)	<100	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	4.7E-09 ± 2.1E-09	µCi/mL	GE
2	Total radium	5.1E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 — Time: 8:20
Depth to water: 21.74 ft (6.63 m) below TOC — pH: 6.6
Water elevation: 202.26 ft (61.65 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	25	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	3,530	µg/L	GE
0	Chloride	1,990	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	347	µg/L	GE
0	Manganese	4.6	µg/L	GE
0	Mercury	<0.20	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	7,150	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,010	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	9.9	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	14	µg/L	GE
0	Total phosphates (as P)	230	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	24	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.1E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 3.7E-09	µCi/mL	GE

WELL MSB 50B collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 — Time: 8:35
Depth to water: 21.06 ft (6.42 m) below TOC — pH: 6.5
Water elevation: 202.44 ft (61.70 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 75 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,070	µg/L	GE
0	Chloride	8,400	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	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	µg/L	GE
0	Manganese	18	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	1,950	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,100	µg/L	GE
0	Sulfate	8,950	µg/L	GE
0	Tetrachloroethylene	1.1	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)	260	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	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	8.8E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 — Time: 10:15
Depth to water: 58.88 ft (17.95 m) below TOC — pH: 6.5
Water elevation: 204.62 ft (62.37 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 132 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	17	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,030	µg/L	GE
0	Chloride	2,480	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	282	µg/L	GE
0	Manganese	3.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	581	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	1,750	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 51B collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	22,000	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)	300	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	2.6E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: 54.26 ft (16.54 m) below TOC
Water elevation: 208.24 ft (63.47 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 7:45
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 20.2°C

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	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	651	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	124	µg/L	GE
0	Iron	119	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	215	µg/L	GE
0	Manganese	4.6	µg/L	GE
0	Mercury	<0.20	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	<2.0	µg/L	GE
0	Silica	5,720	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,060	µg/L	GE
0	Sulfate	2,640	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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)	350	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	2.1E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91
Depth to water: 83.93 ft (25.58 m) below TOC
Water elevation: 237.97 ft (72.53 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 11:15
pH: 5.7
Alkalinity: 4 mg/L
Water temperature: 22.9°C

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	14	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,740	µg/L	GE
0	Chloride	5,100	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	5.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	774	µg/L	GE
0	Manganese	7.7	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Nitrate as nitrogen	1,430	µg/L	GE

WELL MSB 52B collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	539	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,510	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,090	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	3.5	µg/L	MA
0	Total dissolved solids	51,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	88	µg/L	LC
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	2.3	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-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 MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91
Depth to water: 104.68 ft (31.91 m) below TOC
Water elevation: 217.12 ft (66.18 m) msl
Sp. conductance: 65 µS/cm
Water evacuated before sampling: 136 gal

Time: 12:00
pH: 5.9
Alkalinity: 23 mg/L
Water temperature: 25.3°C

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	8.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,060	µg/L	GE
0	Chloride	2,480	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	308	µg/L	GE
0	Manganese	3.0	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	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,610	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,690	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	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	215	µg/L	GE
0	Total phosphates (as P)	<100	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	2.1E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 124.61 ft (37.98 m) below TOC
Water elevation: 219.99 ft (67.05 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 192 gal

Time: 14:15
pH: 5.1
Alkalinity: 3 mg/L
Water temperature: 24.2°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 MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 — Time: 15:05
Depth to water: 124.89 ft (38.01 m) below TOC — pH: 5.0
Water elevation: 220.81 ft (67.30 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 21.9°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	739	µg/L	GE
0	Chloride	2,360	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	328	µg/L	GE
0	Manganese	4.0	µg/L	GE
0	Mercury	0.22	µg/L	GE
0	Nitrate as nitrogen	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	7,360	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,910	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	1.3	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	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	2.2	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 ± 2.5E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 — Time: 14:00
Depth to water: 113.50 ft (34.60 m) below TOC — pH: 4.6
Water elevation: 231.60 ft (70.59 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 24 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	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	375	µg/L	GE
0	Chloride	2,600	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	52	µg/L	GE
1	Lead	13	µg/L	GE
0	Magnesium	212	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	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	6,780	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,990	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 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	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	<2.0E-09	µCi/mL	GE

WELL MSB 53D collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total radium	2.1E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 10:30
Depth to water: 153.25 ft (46.71 m) below TOC — pH: 5.8
Water elevation: 220.45 ft (67.19 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 236 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	25	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	2,400	µg/L	GE
0	Chloride	1,560	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	266	µg/L	GE
0	Manganese	5.1	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,070	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,650	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	204	µg/L	GE
0	Total phosphates (as P)	<100	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	2.2E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 9:35
Depth to water: 148.75 ft (45.34 m) below TOC — pH: 10.8
Water elevation: 224.95 ft (68.57 m) msl — Alkalinity: 82 mg/L
Sp. conductance: 206 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	135	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	55	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	22,000	µg/L	GE
0	Chloride	1,250	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,160	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	8,870	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,790	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 54C collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	80,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	97	µg/L	GE
0	Total phosphates (as P)	<100	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	2.4E-09 ± 2.5E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.3E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 9:15
Depth to water: 141.14 ft (43.02 m) below TOC — pH: 4.9
Water elevation: 232.86 ft (70.98 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 24 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	4.8	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	654	µg/L	GE
0	Chloride	1,000	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	Iron	36	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	503	µg/L	GE
0	Manganese	6.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,630	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	6,450	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,080	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	43,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.3	µg/L	GE
0	Total phosphates (as P)	<100	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	4.1E-09 ± 2.8E-09	µCi/mL	GE
2	Total radium	5.0E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	7.3E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 10:15
Depth to water: 157.35 ft (47.96 m) below TOC — pH: 9.2
Water elevation: 216.45 ft (65.97 m) msl — Alkalinity: 37 mg/L
Sp. conductance: 70 µS/cm — Water temperature: 23.5°C
Water evacuated before sampling: 372 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.4	pH	GE
0	Specific conductance	50	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	8,820	µg/L	GE
0	Chloride	1,260	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	254	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	790	µg/L	GE

WELL MSB 54TA collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	633	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,480	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	57,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	131	µg/L	GE
0	Total phosphates (as P)	<100	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: 08/07/91 — Time: 9:00
Depth to water: 149.69 ft (45.63 m) below TOC — pH: 4.0
Water elevation: 219.21 ft (66.82 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 61 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 188 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	GE
0	Specific conductance	55	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	656	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	<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	64	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	607	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	611	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	43,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,820	µg/L	GE
0	Sulfate	31,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.9	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	67,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	167	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	1.2	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	<7.0E-07	µCi/mL	GE

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 — Time: 14:30
Depth to water: 141.52 ft (43.14 m) below TOC — pH: 4.9
Water elevation: 227.98 ft (69.49 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 142 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 — Time: 14:25
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity: 1 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 29 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 — Time: 9:50
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 30 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	8.1	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	836	µg/L	GE
0	Chloride	1,650	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	16	µg/L	GE
2	Lead	16	µg/L	GE
0	Magnesium	487	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	0.30	µg/L	GE
0	Nitrate as nitrogen	2,410	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	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,120	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
0	Total dissolved solids	28,000	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)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.4E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 — Time: 9:30
Depth to water: 153.55 ft (46.80 m) below TOC — pH: 5.6
Water elevation: 215.25 ft (65.61 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 336 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	25	µS/cm	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	Calcium	2,410	µg/L	GE
0	Carbon tetrachloride	<1.0	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	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	105	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	154	µg/L	GE
1	Manganese	27	µg/L	GE
0	Mercury	0.30	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	9,350	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,710	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	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)	<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
2	Total radium	6.4E-09 ± 4.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 — Time: 10:35
Depth to water: 58.58 ft (17.86 m) below TOC — pH: 5.2
Water elevation: 221.22 ft (67.43 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	20	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	276	µg/L	GE
0	Chloride	3,500	µg/L	GE
0	Chloride	3,500	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

ANALYTICAL RESULTS

WELL MSB 56D collected on 08/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iron	57	µg/L	GE
1	Lead	11	µg/L	GE
0	Magnesium	297	µg/L	GE
0	Manganese	7.0	µg/L	GE
0	Mercury	0.53	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	6,450	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,840	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	12,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	10	µg/L	LC
0	Total phosphates (as P)	<100	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 ± 2.2E-09	µCi/mL	GE
1	Total radium	4.2E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/91
Depth to water: 126.24 ft (38.48 m) below TOC
Water elevation: 229.96 ft (70.09 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 13:15
pH: 5.4
Alkalinity: 5 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	20	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	9.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	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	3,400	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

WELL MSB 57D collected on 08/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.10	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	Dialiate	<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)	<1.0	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	<20	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	48	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	486	µg/L	GE
1	Manganese	37	µg/L	GE

WELL MSB 57D collected on 08/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	5.6	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	2,600	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
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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	1,020	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	Selenium	<2.0	µg/L	GE
0	Silica	7,810	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,780	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,620	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	1.9	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	35,000	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)	<100	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
1	Trichloroethylene	4.4	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE

WELL MSB 57D collected on 08/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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	19	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 2.1E-09	µCi/mL	GE
2	Total radium	9.5E-09 ± 4.9E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/91 Time: 12:50
Depth to water: 128.35 ft (39.12 m) below TOC pH: 5.4
Water elevation: 229.55 ft (69.97 m) msl Alkalinity: 7 mg/L
Sp. conductance: 54 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	7.9	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	7.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,760	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
1	Chloroethene (Vinyl chloride)	1.2	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

ANALYTICAL RESULTS

WELL MSB 58D collected on 08/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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)	<1.0	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	<20	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	1.4	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	64	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	275	µg/L	GE
0	Manganese	25	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	<1.0	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

WELL MSB 58D collected on 08/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	1,240	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	Selenium	<2.0	µg/L	GE
0	Silica	8,930	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,690	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
2	Tetrachloroethylene	3,970	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	1.1	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total organic carbon	1,050	µg/L	GE
2	Total organic halogens	4,240	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	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	1.9	µg/L	GE
2	1,1,2-Trichloroethane	2,730	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	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	16	µg/L	GE
0	Gross alpha	2.2E-09 ± 1.3E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 1.9E-09	µCi/mL	GE
2	Total radium	5.8E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91
Depth to water: 131.95 ft (40.22 m) below TOC
Water elevation: 227.35 ft (69.30 m) msl
Sp. conductance: 97 µS/cm
Water evacuated before sampling: 46 gal

Time: 9:35
pH: 5.8
Alkalinity: 17 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1,000	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1,000	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20,000	µg/L	GE
0	Acrylonitrile	<20,000	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<50,000	µg/L	GE
0	Aluminum	<20	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	21	µg/L	GE
0	Benzene	<1,000	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<10,000	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	<1,000	µg/L	GE
0	Bromoform	<1,000	µg/L	GE
0	Bromomethane (Methyl bromide)	<1,000	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,310	µg/L	GE
0	Carbon disulfide	<1,000	µg/L	GE
0	Carbon tetrachloride	<1,000	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	3,550	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1,000	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1,000	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1,000	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1,000	µg/L	GE
0	Chloromethane (Methyl chloride)	<1,000	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	<200,000	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	<0.10	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	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	<1,000	µg/L	GE
0	Dibromochloromethane	<1,000	µg/L	GE
0	1,2-Dibromoethane	<20,000	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1,000	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30,000	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1,000	µg/L	GE

WELL MSB 59D collected on 08/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<1,000	µg/L	GE
0	1,2-Dichloroethane	<1,000	µg/L	GE
0	1,1-Dichloroethylene	<1,000	µg/L	GE
0	trans-1,2-Dichloroethylene	<1,000	µg/L	GE
0	Dichloromethane (Methylene chloride)	3,000	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	<1,000	µg/L	GE
0	trans-1,3-Dichloropropene	<1,000	µg/L	GE
0	cis-1,3-Dichloropropene	<1,000	µg/L	GE
0	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	<1,000	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<1,000	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15,000	µg/L	GE
0	Iron	5.4	µg/L	GE
0	Isobutyl alcohol	<100,000	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	677	µg/L	GE
2	Manganese	98	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50,000	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1,000	µg/L	GE
0	Methyl isobutyl ketone	<1,000	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	6.7	µg/L	GE
0	Nitrate as nitrogen	4,870	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

ANALYTICAL RESULTS

WELL MSB 59D collected on 08/07/91, 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	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	1,220	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14,200	µg/L	GE
0	Styrene	<1,000	µg/L	GE
0	Sulfate	2,010	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	<1,000	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1,000	µg/L	GE
2	Tetrachloroethylene	30,000	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	<1,000	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	86,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	69,000	µg/L	LC
0	Total phosphates (as P)	180	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	<1,000	µg/L	GE
0	1,1,2-Trichloroethane	<1,000	µg/L	GE
2	Trichloroethylene	8,000	µg/L	GE
0	Trichlorofluoromethane	<1,000	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	<20,000	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	<1,000	µg/L	GE
0	Xylenes	<1,000	µg/L	GE
0	Zinc	39	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.0E-09	µCi/mL	GE
1	Total radium	3.7E-09 ± 3.8E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91
Depth to water: 126.60 ft (38.59 m) below TOC
Water elevation: 227.90 ft (69.46 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 50 gal

Time: 8:45
pH: 5.6
Alkalinity: 8 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Specific conductance	45	µS/cm	GE

WELL MSB 60D collected on 08/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<200	µg/L	GE
0	Acrylonitrile	<200	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<500	µg/L	GE
0	Aluminum	<20	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	8.9	µg/L	GE
0	Benzene	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<100	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	<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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,860	µg/L	GE
0	Carbon disulfide	<10	µg/L	GE
0	Carbon tetrachloride	<10	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	2,330	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<10	µg/L	GE
0	Chlorobenzilate	<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	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<2,000	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	<0.10	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	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	<10	µg/L	GE
0	1,2-Dibromoethane	<200	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<300	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<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-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	<10	µg/L	GE
0	trans-1,3-Dichloropropene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<10	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE

WELL MSB 60D collected on 08/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<10	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<150	µg/L	GE
0	Iron	12	µg/L	GE
0	Isobutyl alcohol	<1,000	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	3.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	381	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<500	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	<40	µg/L	GE
0	Nitrate as nitrogen	2,120	µg/L	GE
0	Nitrate as nitrogen	2,140	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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

WELL MSB 60D collected on 08/07/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	PCB 1254	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<2,000	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,480	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,290	µg/L	GE
0	Styrene	<10	µg/L	GE
0	Sulfate	1,840	µg/L	GE
0	Sulfate	1,780	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	<10	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<10	µg/L	GE
2	Tetrachloroethylene	180	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	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	52,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	348	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
2	Trichloroethylene	85	µg/L	GE
0	Trichlorofluoromethane	<10	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	<200	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	<10	µg/L	GE
0	Xylenes	<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	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 85.25 ft (29.03 m) below TOC
Water elevation: 222.35 ft (67.77 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 124 gal
Time: 13:00
pH: 5.3
Alkalinity: 2 mg/L
Water temperature: 21.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	25	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	1,270	µg/L	GE
0	Chloride	1,660	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

ANALYTICAL RESULTS

WELL MSB 61C collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Magnesium	808	µg/L	GE
0	Manganese	<2.0	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	705	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,490	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	1.1	µg/L	MA
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	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	2.5	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 1.7E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	2.1E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 93.70 ft (28.56 m) below TOC
Water elevation: 224.40 ft (68.40 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.

Time: 18:05
pH: 5.6
Alkalinity: 4 mg/L
Water temperature: 25.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	20	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	1,260	µg/L	GE
0	Chloride	1,590	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	49	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	510	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	1,960	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	21,000	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)	260	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	3.6E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91
Depth to water: 142.65 ft (43.48 m) below TOC
Water elevation: 206.45 ft (62.93 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 179 gal

Time: 13:40
pH: 5.5
Alkalinity: 5 mg/L
Water temperature: 22.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE

WELL MSB 62B collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	20	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,010	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	2,100	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
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	<0.10	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	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)	<1.0	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	<20	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

WELL MSB 62B collected on 08/10/91, 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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	5.4	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	320	µg/L	GE
1	Manganese	37	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	<1.0	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	210	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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

WELL MSB 62B collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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
1	Potassium	863	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	Selenium	<2.0	µg/L	GE
0	Silica	13,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,480	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,710	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
1	Tetrachloroethylene	3.0	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	26,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	32	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	1,2,4-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
2	Trichloroethylene	5.0	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	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	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	1.9E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91 Time: 13:15
Depth to water: 127.90 ft (38.98 m) below TOC pH: 5.3
Water elevation: 221.20 ft (67.42 m) msl Alkalinity: 3 mg/L
Sp. conductance: 238 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 89 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	200	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	41	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 62C collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,030	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	4,750	µg/L	GE
0	Chloride	4,550	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	<0.10	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	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)	<1.0	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	<20	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
2	1,1-Dichloroethylene	16	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

WELL MSB 62C collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	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	2,360	µg/L	GE
2	Manganese	53	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	<1.0	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	7.1	µg/L	GE
2	Nitrate as nitrogen	23,000	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	1,900	µg/L	GE
0	Pronamid	<10	µg/L	GE

WELL MSB 62C collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	Selenium	<2.0	µg/L	GE
0	Silica	8,560	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	34,900	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
2	Tetrachloroethylene	70	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
C	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	199,000	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)	<100	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	14	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	25	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<10	µg/L	GE
0	Xylenes	<10	µg/L	GE
0	Zinc	40	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 3.0E-09	µCi/mL	GE
1	Total radium	4.7E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/91 — Time: 12:20
Depth to water: 122.27 ft (37.27 m) below TOC — pH: 10.4
Water elevation: 227.23 ft (69.26 m) msl — Alkalinity: 702 mg/L
Sp. conductance: 2500 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	2,000	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	35	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
2	Aluminum	1,660	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	472	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE

WELL MSB 62D collected on 08/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	273,000	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	1,520	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	9.5	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	2.8	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	11	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	O,O-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	<0.0090	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	157	µg/L	GE
0	Fluoride	155	µg/L	GE
0	Heptachlor	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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	Heptachlorodibenzofuran isomers	<0.00045	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 62D collected on 08/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	4.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	18	µg/L	GE
0	Manganese	6.7	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	11	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	2,820	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
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	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	6,920	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	Selenium	<2.0	µg/L	GE
0	Silica	7,550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	53,600	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	12,300	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

WELL MSB 62D collected on 08/11/91, 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
2	Tetrachloroethylene	153	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	13	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	393,000	µg/L	GE
0	Total dissolved solids	393,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	130	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)	<0.080	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	17	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	58	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	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	9.0	µg/L	GE
0	Gross alpha	3.5E-09 ± 6.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 1.3E-08	µCi/mL	GE
2	Total radium	6.7E-09 ± 5.0E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91 Time: 15:15
Depth to water: 139.85 ft (42.63 m) below TOC pH: 5.3
Water elevation: 207.15 ft (63.14 m) msl Alkalinity: 4 mg/L
Sp. conductance: 25 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 186 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	8.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,430	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

WELL MSB 63B collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	2,020	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	<0.10	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	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)	<1.0	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	<20	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)	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
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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-HPCDF	<0.00045	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	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	1,2,3,4,7,8-HXCDD	<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-HXCDF	<0.00040	µg/L	GE

WELL MSB 63B collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,2,3,4,7,8-HXCDF	<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	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	Magnesium	316	µg/L	GE
0	Manganese	6.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyriiene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	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	760	µg/L	GE
0	Nitrate as nitrogen	760	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	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	793	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	Selenium	<2.0	µg/L	GE
0	Silica	10,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,090	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 63B collected on 08/10/91, 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-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 dissolved solids	20,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	135	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	1,2,4-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
1	Trichloroethylene	3.0	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	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	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 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91
Depth to water: 128.29 ft (39.10 m) below TOC
Water elevation: 218.81 ft (66.69 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 73 gal

Time: 14:55
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	50	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	5.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE

WELL MSB 63C collected on 08/10/91, 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	2,210	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	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	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)	<1.0	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	<20	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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

WELL MSB 63C collected on 08/10/91, 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	Iron	5.6	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	302	µg/L	GE
0	Manganese	14	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	<1.0	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	3,700	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
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	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	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	Selenium	<2.0	µg/L	GE
0	Silica	9,580	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,430	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
2	Tetrachloroethylene	5.0	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

WELL MSB 63C collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	47	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	1,2,4-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
1	Trichloroethylene	4.0	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	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
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/11/91
Depth to water: 119.00 ft (36.27 m) below TOC
Water elevation: 227.80 ft (69.43 m) msl
Sp. conductance: 112 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 13:45
pH: 8.2
Alkalinity: 40 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	95	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	13	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
2	Aluminum	1,070	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	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	16,700	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	1,950	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	1.1	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 63D collected on 08/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.10	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	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)	<1.0	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	<20	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	2.0	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-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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	Magnesium	206	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL MSB 63D collected on 08/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<1.0	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	2,360	µg/L	GE
0	Nitrate as nitrogen	2,380	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	3,390	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	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,540	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,040	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
2	Tetrachloroethylene	261	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	1.8	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	59,000	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	226	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	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
2	Trichloroethylene	63	µg/L	GE

WELL MSB 63D collected on 08/11/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	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	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 1.9E-09	µCi/mL	GE
2	Total radium	5.6E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91
Depth to water: 127.89 ft (38.98 m) below TOC
Water elevation: 220.81 ft (67.30 m) msl
Sp. conductance: 135 µS/cm
Water evacuated before sampling: 120 gal
Time: 12:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	105	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)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	95	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	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,820	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	4,350	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
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

WELL MSB 64C collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	p-Cresol (4-Methylphenol)	<10	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	Dialiate	<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)	<1.0	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	<20	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	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	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	8.8	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	3.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,600	µg/L	GE
0	Manganese	8.9	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	<1.0	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

ANALYTICAL RESULTS

WELL MSB 64C collected on 08/10/91, 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
2	Nitrate as nitrogen	10,200	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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	7[illegible]	µg/L	GE
0	Pronamid	<1[illegible]	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	Selenium	<2.0	µg/L	GE
0	Silica	9,470	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,200	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
2	Tetrachloroethylene	380	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	96,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	264	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	1,2,4-Trichlorobenzene	<10	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	150	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	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	6.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.5E-09 ± 2.2E-09	µCi/mL	GE
1	Total radium	4.0E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91 Time: 12:15
Depth to water: 127.89 ft (38.98 m) below TOC pH: 4.7
Water elevation: 220.81 ft (67.30 m) msl Alkalinity: 0 mg/L
Sp. conductance: 135 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	115	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	20	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	99	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	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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-Bromo, henyl phenyl ether	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,820	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	4,500	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE

WELL MSB 64C collected on 08/10/91, 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
1	1,1-Dichloroethylene	5.3	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	<0.00	µg/L	GE
0	1,2-Dichloropropane	<1.0	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	8.8	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	2,580	µg/L	GE
0	Manganese	8.8	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	<1.0	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
2	Nitrate as nitrogen	12,000	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

WELL MSB 64C collected on 08/10/91, 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	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	2-Picoline	<10	µg/L	GE
0	Potassium	731	µg/L	GE
0	Pronamide	<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	Selenium	<2.0	µg/L	GE
0	Silica	9,480	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,200	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	3,110	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	<0.00045	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
2	Tetrachloroethylene	348	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	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	259	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	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	3.5	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	137	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	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	5.2	µg/L	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	5.6E-09	µCi/mL	GE
2	Total radium	6.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/10/91 — Time: 12:00
Depth to water: 123.72 ft (37.71 m) below TOC — pH: 5.8
Water elevation: 225.28 ft (68.67 m) msl — Alkalinity: 23 mg/L
Sp. conductance: 227 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	180	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	20	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	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	<0.050	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Aluminum	<20	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	19	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,490	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	3,980	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	<0.10	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	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)	<1.0	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	<20	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE

WELL MSB 64D collected on 08/10/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	1.5	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
2	1,1-Dichloroethylene	34	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.9	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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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-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	5.5	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	886	µg/L	GE
1	Manganese	27	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	<1.0	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
2	Nitrate as nitrogen	14,200	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

WELL MSB 64D collected on 08/10/91, 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	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	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	<0.10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	753	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	Selenium	<2.0	µg/L	GE
0	Silica	6,960	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	36,900	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	5,080	µg/L	GE
0	Sulfate	5,080	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	59	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	140,000	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)	<100	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	22	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	16	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	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	18	µg/L	GE
0	Gross alpha	2.3E-09 ± 1.8E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-09 ± 2.2E-09	µCi/mL	GE
1	Total radium	3.4E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 Time: 9:05
Depth to water: 116.99 ft (35.66 m) below TOC pH: 4.7
Water elevation: 232.51 ft (70.87 m) msl Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm Water temperature: 22.7°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 Time: 11:40
Depth to water: 165.21 ft (50.36 m) below TOC pH: 10.6
Water elevation: 218.29 ft (66.54 m) msl Alkalinity: 75 mg/L
Sp. conductance: 214 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 207 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	8.9	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	24	µg/L	MA

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 Time: 12:05
Depth to water: 155.53 ft (47.41 m) below TOC pH: 5.3
Water elevation: 227.97 ft (69.49 m) msl Alkalinity: 4 mg/L
Sp. conductance: 29 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 162 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	11	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	94	µg/L	MA

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 Time: 11:05
Depth to water: 152.41 ft (46.46 m) below TOC
Water elevation: 230.89 ft (70.38 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 Time: 12:30
Depth to water: 178.32 ft (54.35 m) below TOC pH: 5.3
Water elevation: 204.48 ft (62.33 m) msl Alkalinity: 4 mg/L
Sp. conductance: 24 µS/cm Water temperature: 21.4°C
Water evacuated before sampling: 455 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
0	Trichloroethylene	1.0	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 16:25
Depth to water: 147.72 ft (45.03 m) below TOC — pH: 6.7
Water elevation: 217.38 ft (66.26 m) msl — Alkalinity: 19 mg/L
Sp. conductance: 62 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 229 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	37	µg/L	MA

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 16:10
Depth to water: 138.04 ft (42.08 m) below TOC — pH: 6.1
Water elevation: 226.76 ft (69.12 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 53 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 149 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	42	µg/L	MA

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 17:50
Depth to water: 136.73 ft (42.29 m) below TOC — pH: 4.9
Water elevation: 218.17 ft (66.50 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 236 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	10	µg/L	MA
2	Tetrachloroethylene	18	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	97	µg/L	MA

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 — Time: 14:00
Depth to water: 161.99 ft (49.38 m) below TOC — pH: 5.7
Water elevation: 219.71 ft (66.97 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 261 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 — Time: 15:20
Depth to water: 154.73 ft (47.16 m) below TOC — pH: 6.0
Water elevation: 227.07 ft (69.21 m) msl — Alkalinity: 15 mg/L
Sp. conductance: 69 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 32 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
2	Trichloroethylene	121	µg/L	MA

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 — Time: 13:45
Depth to water: 149.79 ft (45.66 m) below TOC — pH: 4.4
Water elevation: 232.41 ft (70.84 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 32 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 — Time: 13:25
Depth to water: 168.44 ft (51.34 m) below TOC — pH: 6.0
Water elevation: 213.06 ft (64.94 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 363 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/04/91 — Time: 9:15
Depth to water: 147.57 ft (44.98 m) below TOC — pH: 5.5
Water elevation: 214.63 ft (65.42 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 169 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 105 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	309	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	46	µg/L	MA

WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 11:45
Depth to water: 144.49 ft (44.04 m) below TOC — pH: 5.7
Water elevation: 218.01 ft (66.45 m) msl — Alkalinity: 11 mg/L
Sp. conductance: 78 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
C	pH	6.2	pH	GE
0	Specific conductance	60	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	4,260	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	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	5.4	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	695	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	4,450	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	703	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	6,950	µg/L	GE
0	Sulfate	<1,000	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	71,000	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)	<100	µg/L	GE
0	1,1,1-Trichloroethane	6.9	µg/L	GE
0	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
2	Total radium	5.0E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	7.9E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91 — Time: 15:45
Depth to water: 129.83 ft (39.57 m) below TOC — pH: 11.8
Water elevation: 215.27 ft (65.62 m) msl — Alkalinity: 593 mg/L
Sp. conductance: 2430 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 44 gal
The well went dry during purging.

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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91 — Time: 9:40
Depth to water: 129.83 ft (39.57 m) below TOC — pH: 5.0
Water elevation: 198.37 ft (60.46 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 122 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 9:10
Depth to water: 140.11 ft (42.71 m) below TOC — pH: 4.2
Water elevation: 200.29 ft (61.05 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 180 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.6	µg/L	GE
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
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	20	µg/L	GE
2	Trichloroethylene	24	µg/L	MA

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 — Time: 9:10
Depth to water: 140.11 ft (42.71 m) below TOC — pH: 4.2
Water elevation: 200.29 ft (61.05 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 180 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.4	µg/L	GE
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	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	21	µg/L	GE
2	Trichloroethylene	21	µg/L	MA

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91 — Time: 9:45
Depth to water: 105.54 ft (32.17 m) below TOC — pH: 10.8
Water elevation: 209.46 ft (63.84 m) msl — Alkalinity: 110 mg/L
Sp. conductance: 311 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 17 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	265	µS/cm	GE
0	Arsenic	<2.0	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

ANALYTICAL RESULTS

WELL MSB 74C collected on 07/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	26,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,100	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	4.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	42	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	9,910	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	35,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,800	µg/L	GE
0	Sulfate	14,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.8	µg/L	GE
0	Total dissolved solids	145,000	µg/L	GE
0	Total dissolved solids	130,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	9.7	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
2	Trichloroethylene	27	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 2.6E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/28/91 — Time: 9:30
Depth to water: 82.05 ft (25.01 m) below TOC — pH: 5.4
Water elevation: 233.05 ft (71.03 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	35	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	477	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)	7.9	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	101	µg/L	GE

WELL MSB 74D collected on 07/28/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Manganese	11	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	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,750	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,880	µg/L	GE
0	Sulfate	5,430	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	39	µg/L	GE
0	Toluene	3.1	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	<10	µg/L	LC
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
1	Trichloroethylene	4.1	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	1.6E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91 — Time: 11:30
Depth to water: 117.63 ft (35.85 m) below TOC — pH: 5.9
Water elevation: 209.07 ft (63.73 m) msl — Alkalinity: 15 mg/L
Sp. conductance: 64 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 137 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	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	<2.0	µg/L	GE
0	Calcium	7,500	µg/L	GE
0	Carbon tetrachloride	<10	µg/L	GE
0	Chloride	1,950	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	<4.0	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	1,2-Dichloropropane	<10	µg/L	GE
0	trans-1,3-Dichloropropene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<10	µg/L	GE
0	Ethylbenzene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	475	µg/L	GE
1	Manganese	48	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	819	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,920	µg/L	GE
0	Sulfate	3,640	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<10	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	GE
0	Toluene	<10	µg/L	GE
0	Total dissolved solids	52,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	171	µg/L	GE
0	Total phosphates (as P)	170	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
2	Trichloroethylene	427	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	GE

WELL MSB 75B collected on 07/27/91, 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	1.8E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 118.84 ft (36.22 m) below TOC
Water elevation: 208.66 ft (63.60 m) msl
Sp. conductance: 123 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging
Time: 9:10
pH: 6.2
Alkalinity: 30 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	90	µS/cm	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	5,680	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	1,2-Dichloropropane	<1.0	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	618	µg/L	GE
1	Manganese	30	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	6,320	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	13,300	µg/L	GE
0	Sulfate	18,200	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	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)	<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	5.2E-09 ± 2.3E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 137.60 ft (41.94 m) below TOC
Water elevation: 220.10 ft (67.09 m) msl
Sp. conductance: 130 µS/cm
Water evacuated before sampling: 206 gal
Time: 17:00
pH: 10.0
Alkalinity: 41 mg/L
Water temperature: 27.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.4	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE

WELL MSB 77B collected on 07/26/91, 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	9,350	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	8.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	253	µg/L	GE
0	Manganese	5.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	510	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	7,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,250	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,270	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	63,000	µg/L	GE
0	Total dissolved solids	78,000	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	7.2	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	1.8	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.7E-09 ± 2.4E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 135.52 ft (41.31 m) below TOC
Water elevation: 222.18 ft (67.72 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 140 gal
Time: 16:00
pH: 5.9
Alkalinity: 12 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.8	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	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Carbon tetrachloride	<10	µg/L	GE
0	Chloride	1,870	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	<4.0	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	1,2-Dichloropropane	<10	µg/L	GE
0	trans-1,3-Dichloropropene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 77C collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<10	µg/L	GE
0	Ethylbenzene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	337	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,690	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,680	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,340	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,690	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<10	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	GE
0	Toluene	<10	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	98	µg/L	GE
2	Total organic halogens	95	µg/L	GE
0	Total phosphates (as P)	140	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
2	Trichloroethylene	154	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.4E-09 ± 2.2E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	7.3E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: 126.26 ft (38.48 m) below TOC
Water elevation: 231.54 ft (70.57 m) msl
Sp. conductance: 1587 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 6:25
pH: 11.8
Alkalinity: 348 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,250	µS/cm	GE
0	Arsenic	4.3	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	9,650	µg/L	GE
0	Carbon tetrachloride	<1.0	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	21	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	486	µg/L	GE
0	Iron	27	µg/L	GE
2	Lead	21	µg/L	GE
0	Magnesium	12	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	510	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	116,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	86,900	µg/L	GE
0	Sulfate	18,400	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	447,000	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)	230	µg/L	GE

WELL MSB 77D collected on 07/27/91, 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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 3.6E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 3.6E-09	µCi/mL	GE
1	Total radium	4.3E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	9.5E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 77TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/27/91
Depth to water: 137.63 ft (41.95 m) below TOC
Water elevation: 219.77 ft (66.99 m) msl
Sp. conductance: 380 µS/cm
Water evacuated before sampling: 65 gal
The well went dry during purging.

Time: 6:45
pH: 10.9
Alkalinity: 105 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	275	µS/cm	GE
0	Arsenic	3.2	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	7,980	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	11	µg/L	GE
0	Lead	<3.0	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	Nitrate as nitrogen	160	µg/L	GE
1	Phenols	40	µg/L	GE
0	Potassium	33,600	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	25,800	µg/L	GE
0	Sulfate	10,600	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	30	µg/L	GE
0	Total dissolved solids	162,000	µg/L	GE
0	Total dissolved solids	170,000	µg/L	GE
2	Total organic carbon	10,000	µg/L	GE
1	Total organic halogens	42	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	2.5E-08 ± 4.5E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 3.1E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 Time: 11:30
Depth to water: 144.84 ft (44.09 m) below TOC
Water elevation: 218.96 ft (66.74 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 Time: 10:05
Depth to water: 142.72 ft (43.50 m) below TOC pH: 12.1
Water elevation: 205.28 ft (62.57 m) msl Alkalinity: 887 mg/L
Sp. conductance: 3550 µS/cm Water temperature: 19.9°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
1	Specific conductance	440	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	66	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	27,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,640	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.2	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	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	155	µg/L	GE
0	Iron	8.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	17	µg/L	GE
0	Manganese	5.8	µg/L	GE
0	Mercury	0.26	µg/L	GE
0	Nitrate as nitrogen	630	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	9,710	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	33,400	µg/L	GE
0	Sulfate	8,050	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.5	µg/L	GE
0	Toluene	3.8	µg/L	GE
0	Total dissolved solids	169,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<30	µg/L	LC
0	Total phosphates (as P)	160	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	1.2E-08 ± 2.9E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/31/91 Time: 10:35
Depth to water: 140.40 ft (42.79 m) below TOC pH: 12.0
Water elevation: 207.40 ft (63.22 m) msl Alkalinity: 460 mg/L
Sp. conductance: 2199 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
2	pH	12	pH	GE
2	Specific conductance	1,700	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	144	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	114,000	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
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	41	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	180	µg/L	GE
0	Iron	4.3	µg/L	GE
1	Lead	9.0	µg/L	GE
0	Magnesium	9.2	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,020	µg/L	GE
1	Phenols	32	µg/L	GE
0	Potassium	47,500	µg/L	GE
0	Selenium	3.1	µg/L	GE
0	Silica	6,980	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	55,300	µg/L	GE
0	Sulfate	22,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	3.8	µg/L	GE
0	Toluene	1.7	µg/L	GE
0	Total dissolved solids	434,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	20	µg/L	LC
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
2	Trichloroethylene	14	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	2.5E-09 ± 4.7E-09	µCi/mL	GE
1	Nonvolatile beta	3.1E-08 ± 1.7E-08	µCi/mL	GE
1	Total radium	3.1E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	8.1E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 Time: 11:15
Depth to water: 48.81 ft (14.88 m) below TOC pH: 6.2
Water elevation: 218.39 ft (66.57 m) msl Alkalinity: 14 mg/L
Sp. conductance: 45 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 200 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	GE
0	Specific conductance	35	µS/cm	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	4,340	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,280	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 81B collected on 07/26/91, 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	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	382	µg/L	GE
1	Manganese	29	µg/L	GE
0	Mercury	0.53	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,830	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,320	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,060	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 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)	<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	3.7E-09 ± 1.9E-09	µCi/mL	GE
1	Total radium	3.2E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 6:30
Depth to water: 147.37 ft (44.92 m) below TOC — pH: 12.2
Water elevation: 227.13 ft (69.23 m) msl — Alkalinity: 633 mg/L
Sp. conductance: 2273 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 29 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	37	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

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 8:15
Depth to water: 144.87 ft (44.16 m) below TOC — pH: 4.4
Water elevation: 229.53 ft (69.96 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 224 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	Specific conductance	30	µS/cm	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	713	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	435	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	68	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	27,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,820	µg/L	GE
0	Sulfate	34,700	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	58,000	µg/L	GE
0	Total dissolved solids	56,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	86	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	3.1E-09 ± 2.3E-09	µCi/mL	GE
1	Total radium	4.3E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 — Time: 13:15
Depth to water: 146.46 ft (44.64 m) below TOC — pH: 6.7
Water elevation: 227.54 ft (69.36 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 179 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
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 7:45
Depth to water: 141.56 ft (43.15 m) below TOC — pH: 6.1
Water elevation: 232.14 ft (70.76 m) msl — Alkalinity: 14 mg/L
Sp. conductance: 81 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	55	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	2,450	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)	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	Iron	38	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	462	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,740	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	7,710	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,260	µg/L	GE
0	Sulfate	1,600	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	57,000	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	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	2.2E-09 ± 3.5E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/08/91 — Time: 7:00
Depth to water: 161.31 ft (49.17 m) below TOC — pH: 5.8
Water elevation: 212.49 ft (64.77 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 324 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	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

WELL MSB 82TA collected on 08/08/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Calcium	3,660	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,920	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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	Fluoride	<100	µg/L	GE
1	Iron	273	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	190	µg/L	GE
1	Manganese	35	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	<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	1,890	µg/L	GE
0	Sulfate	2,920	µg/L	GE
0	Sulfate	3,040	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	1.1	µg/L	GE
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
2	Total organic halogens	58	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
2	Trichloroethylene	34	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 ± 4.2E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91 — Time: 9:00
Depth to water: 150.38 ft (45.84 m) below TOC — pH: 5.1
Water elevation: 221.62 ft (67.55 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 20.9°C
Water evacuated before sampling: 204 gal

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	<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	878	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,770	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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

ANALYTICAL RESULTS

WELL MSB 83B collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	205	µg/L	GE
0	Manganese	9.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	330	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	<2.0	µg/L	GE
0	Silica	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	1,740	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	22,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.3	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	2.0E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/05/91
Depth to water: 145.05 ft (44.21 m) below TOC
Water elevation: 227.05 ft (69.21 m) msl
Sp. conductance: 62 µS/cm
Water evacuated before sampling: 218 gal

Time: 15:10
pH: 8.3
Alkalinity: 25 mg/L
Water temperature: 19.6°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 139.27 ft (42.45 m) below TOC
Water elevation: 232.43 ft (70.85 m) msl
Sp. conductance: 185 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 10:30
pH: 8.1
Alkalinity: 88 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.0	pH	GE
0	Specific conductance	140	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	22,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,640	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	2.7	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

WELL MSB 83D collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	4.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	434	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	610	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,580	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,380	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,000	µg/L	GE
0	Sulfate	1,590	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	108,000	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)	<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	7.2E-09 ± 2.5E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 158.57 ft (48.33 m) below TOC
Water elevation: 213.23 ft (64.99 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 372 gal

Time: 10:15
pH: 6.2
Alkalinity: 8 mg/L
Water temperature: 22.8°C

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
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	CE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,230	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,390	µg/L	GE
0	Chloride	1,400	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)	6.1	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
0	Iron	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	172	µg/L	GE
0	Manganese	3.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	570	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	11,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,060	µg/L	GE
0	Sulfate	1,160	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	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	128	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

WELL MSB 83TA collected on 08/09/91, 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	<2.0E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 2.3E-09	µCi/mL	GE
1	Tritium	1.9E-05 ± 6.0E-07	µCi/mL	GE
2	Tritium	2.4E-05 ± 7.0E-07	µCi/mL	GE

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 137.85 ft (42.02 m) below TOC
Water elevation: 224.15 ft (68.32 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 88 gal
Time: 10:50
pH: 5.8
Alkalinity: 7 mg/L
Water temperature: 24.6°C

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	5.3	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,540	µg/L	GE
0	Chloride	2,000	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	462	µg/L	GE
0	Manganese	3.0	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	<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	2,990	µg/L	GE
0	Sulfate	<1,000	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 carbon	<1,000	µg/L	GE
0	Total organic halogens	6.8	µg/L	GE
0	Total phosphates (as P)	<100	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 ± 2.5E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 157.77 ft (48.09 m) below TOC
Water elevation: 223.03 ft (67.98 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 236 gal
Time: 7:10
pH: 5.8
Alkalinity: 10 mg/L
Water temperature: 20.8°C

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	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	926	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-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 85B collected on 08/09/91, 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	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	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	216	µg/L	GE
0	Manganese	3.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,360	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	713	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	4,170	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 dissolved solids	38,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	13	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	2.2E-09 ± 3.7E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 157.52 ft (48.01 m) below TOC
Water elevation: 223.88 ft (68.24 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 144 gal
Time: 7:45
pH: 5.8
Alkalinity: 3 mg/L
Water temperature: 21.7°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	9.5	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,660	µg/L	GE
0	Chloride	2,350	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	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	331	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,840	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,310	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	4,560	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	6.8	µg/L	MA
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.7	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	22	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 149.25 ft (45.49 m) below TOC
Water elevation: 232.15 ft (70.76 m) msl
Sp. conductance: 95 µS/cm
Water evacuated before sampling: 40 gal
Time: 6:45
pH: 6.0
Alkalinity: 14 mg/L
Water temperature: 21.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	105	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	2,440	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,220	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	1,2-Dichloropropane	<1.0	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	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	958	µg/L	GE
1	Manganese	42	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	3,800	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	8,720	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14,700	µg/L	GE
0	Sulfate	7,630	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	18	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 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 3.7E-09	µCi/mL	GE
1	Total radium	3.6E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 160.37 ft (48.88 m) below TOC
Water elevation: 220.63 ft (67.25 m) msl
Sp. conductance: 184 µS/cm
Water evacuated before sampling: 28 gal
The well went dry during purging
Time: 16:40
pH: 9.3
Alkalinity: 93 mg/L
Water temperature: 27.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.6	pH	GE
0	Specific conductance	170	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	1,900	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

WELL MSB 85TA collected on 08/09/91, 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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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	125	µg/L	GE
0	Iron	37	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	108	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	17	µg/L	GE
0	Phenols	17	µg/L	GE
0	Potassium	15,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,310	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	28,100	µg/L	GE
0	Sulfate	5,370	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	211,000	µg/L	GE
0	Total organic carbon	4,240	µg/L	GE
1	Total organic halogens	37	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
2	Trichloroethylene	10	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	2.1E-09 ± 2.5E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 4.7E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/09/91
Depth to water: 134.48 ft (40.99 m) below TOC
Water elevation: 222.92 ft (67.95 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 164 gal
Time: 16:15
pH: 6.1
Alkalinity: 14 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	45	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	2,560	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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	1,2-Dichloropropane	<1.0	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	147	µg/L	GE
0	Lead	3.9	µg/L	GE
0	Magnesium	518	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,010	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL MSB 88C collected on 08/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Potassium	2,280	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,020	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,850	µg/L	GE
0	Sulfate	1,830	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	88,000	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	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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 ± 3.9E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL NBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 87.22 ft (26.58 m) below TOC
Water elevation: 224.28 ft (68.36 m) msl
Sp. conductance: 133 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 12:55
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Iron	8.3	µg/L	GE
2	Lead	50	µg/L	GE
1	Manganese	26	µg/L	GE
2	Nitrate as nitrogen	12,000	µg/L	GE
2	Nitrate as nitrogen	12,200	µg/L	GE
0	Silica	9,700	µg/L	GE
0	Tetrachloroethylene	1.1	µg/L	GE
1	Total organic halogens	40	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	54	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.6E-09 ± 2.3E-09	µCi/mL	GE
0	Total activity	2.5E-04 ± 3.8E-06	µCi/mL	EM
0	Total radium	1.8E-09 ± 1.2E-09	µCi/mL	GE
2	Tritium	2.5E-04 ± 2.2E-06	µCi/mL	GE

WELL NBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 88.07 ft (26.84 m) below TOC
Water elevation: 224.63 ft (68.47 m) msl
Sp. conductance: 654 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.
Time: 12:30
pH: 5.2
Alkalinity: 7 mg/L
Water temperature: 22.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
2	Iron	300	µg/L	GE
2	Lead	59	µg/L	GE
1	Manganese	46	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Silica	10,400	µg/L	GE
1	Tetrachloroethylene	2.6	µg/L	GE
1	Total organic halogens	44	µg/L	GE
0	Total phosphates (as P)	360	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	46	µg/L	GE
0	Gross alpha	4.4E-09 ± 6.4E-09	µCi/mL	GE
1	Nonvolatile beta	3.6E-08 ± 1.7E-08	µCi/mL	GE
0	Total activity	1.8E-03 ± 3.3E-05	µCi/mL	EM
1	Total radium	2.8E-09 ± 1.3E-09	µCi/mL	GE
2	Tritium	1.5E-03 ± 5.4E-06	µCi/mL	GE

WELL NBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 93.48 ft (28.49 m) below TOC
Water elevation: 218.92 ft (66.73 m) msl
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 12:05
pH: 5.8
Alkalinity: 16 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	Iron	4.7	µg/L	GE
0	Lead	3.8	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Nitrate as nitrogen	2,860	µg/L	GE
0	Silica	9,620	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Total organic halogens	37	µg/L	GE
0	Total phosphates (as P)	190	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	9.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09 ± 2.0E-09	µCi/mL	GE
1	Total radium	4.5E-09 ± 3.6E-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: 08/27/91
Depth to water: 88.19 ft (26.88 m) below TOC
Water elevation: 218.31 ft (66.54 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 11:50
pH: 5.2
Alkalinity: 1 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	Iron	82	µg/L	GE
2	Lead	19	µg/L	GE
0	Manganese	3.5	µg/L	GE
0	Nitrate as nitrogen	1,460	µg/L	GE
0	Silica	10,200	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	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	1.1E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	7.6E-06 ± 4.0E-07	µCi/mL	GE

WELL NBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/27/91
Depth to water: 84.34 ft (25.71 m) below TOC
Water elevation: 219.16 ft (66.80 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.
Time: 11:25
pH: 5.2
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	Iron	66	µg/L	GE
2	Lead	62	µg/L	GE
0	Manganese	3.7	µg/L	GE
0	Nitrate as nitrogen	1,270	µg/L	GE
0	Silica	8,760	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	1.8	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 ± 3.2E-09	µCi/mL	GE
0	Tritium	8.6E-06 ± 4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 11:05
Depth to water: 35.24 ft (10.74 m) below TOC — pH: 5.3
Water elevation: 119.26 ft (36.35 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 256 gal

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 — Time: 9:20
Depth to water: 35.52 ft (10.83 m) below TOC — pH: 5.4
Water elevation: 118.98 ft (36.27 m) msl — Alkalinity: 11 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 256 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	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	2,910	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,940	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	<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	795	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	516	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	Nitrate as nitrogen	<50	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	33,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,210	µg/L	GE
0	Sulfate	6,990	µg/L	GE
0	Sulfate	6,940	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
2	Total organic halogens	72	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	6.7E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 11:30
Depth to water: 42.94 ft (13.09 m) below TOC — pH: 6.0
Water elevation: 111.56 ft (34.00 m) msl — Alkalinity: 20 mg/L
Sp. conductance: 70 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 104 gal

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 11:30
Depth to water: 42.94 ft (13.09 m) below TOC — pH: 6.0
Water elevation: 111.56 ft (34.00 m) msl — Alkalinity: 20 mg/L
Sp. conductance: 70 µS/cm — Water temperature: 21.7°C
Water evacuated before sampling: 104 gal

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 — Time: 10:00
Depth to water: 42.97 ft (13.10 m) below TOC — pH: 6.3
Water elevation 111.53 ft (33.99 m) msl — Alkalinity: 27 mg/L
Sp. conductance: 63 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 96 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	47	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	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	8,660	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	453	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	570	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	726	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	1,980	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	21,000	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)	<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

WELL P 26B collected on 08/29/91, 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	<2.0E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	3.3E-08 ± 3.0E-07	µCi/mL	GE

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91
Depth to water: 42.97 ft (13.10 m) below TOC
Water elevation: 111.53 ft (33.99 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 96 gal
Time: 10:00
pH: 6.3
Alkalinity: 27 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	47	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	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	8,560	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 (Mothyl 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	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	445	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	560	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	880	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	2,030	µg/L	GE
0	Sulfate	2,720	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 carbon	<1,000	µg/L	GE
1	Total organic halogens	36	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.1E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	3.3E-08 ± 3.0E-07	µCi/mL	GE

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 33.48 ft (10.21 m) below TOC
Water elevation: 121.01 ft (36.88 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 52 gal
Time: 12:20
pH: 5.6
Alkalinity: 9 mg/L
Water temperature: 21.2°C

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91
Depth to water: 33.46 ft (10.20 m) below TOC
Water elevation: 121.04 ft (36.89 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 52 gal
Time: 10:35
pH: 5.7
Alkalinity: 10 mg/L
Water temperature: 23.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	22	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	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	2,940	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	4.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	289	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	<5.0	µg/L	GE
0	Potassium	651	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	1,630	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	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
2	Total organic halogens	63	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	2,4,5-TP (Silvex)	<0.090	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	3.5E-06 ± 3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL P 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 — Time: 8:05
Depth to water: 108.89 ft (33.19 m) below TOC — pH: 6.0
Water elevation: 176.81 ft (53.89 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 64 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 616 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	7,740	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	443	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	831	µg/L	GE
0	Silica	14,500	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)	<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

WELL P 28TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/29/91 — Time: 13:45
Depth to water: 110.13 ft (33.57 m) below TOC — pH: 5.5
Water elevation: 175.27 ft (53.42 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 26.1°C
Water evacuated before sampling: 1400 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	1,280	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	537	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Sulfide	<1,000	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)	<100	µg/L	GE

WELL P 28TB collected on 08/29/91, 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

WELL P 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 11:15
Depth to water: 103.58 ft (31.57 m) below TOC — pH: 5.6
Water elevation: 165.72 ft (50.51 m) msl — Alkalinity: 24 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 104 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Benzene	41	µg/L	GE
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	9,550	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)	10	µg/L	GE
0	1,2-Dichloropropane	<1.0	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	499	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	11,300	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)	<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

WELL P 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 12:30
Depth to water: 97.36 ft (29.68 m) below TOC — pH: 5.8
Water elevation: 171.24 ft (52.19 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 22.7°C
Water evacuated before sampling: 1568 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	513	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)	2.8	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Magnesium	257	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE

WELL P 29TA collected on 08/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Sulfide	<1,000	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)	<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

WELL P 29TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 88.21 ft (29.93 m) below TOC
Water elevation: 170.69 ft (52.03 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 1088 gal

Time: 12:45
pH: 5.8
Alkalinity: 11 mg/L
Water temperature: 24.5°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	Calcium	3,330	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)	3.4	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Magnesium	189	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Silica	9,430	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)	<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

WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 9.23 ft (2.81 m) below TOC
Water elevation: 286.67 ft (87.38 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 88 gal

Time: 7:00
pH: 5.2
Alkalinity: 5 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	pH	5.6	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	41	µS/cm	GE
0	Specific conductance	55	µS/cm	GE
0	Turbidity	16	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	795	µg/L	GE
0	Chloride	3,460	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

WELL PAC 1 collected on 08/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
1	Iron	164	µg/L	GE
1	Lead	7.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	255	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	27	µg/L	GE
0	Nitrate as nitrogen	850	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	5,590	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,820	µg/L	GE
0	Sulfate	1,100	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	12	µg/L	GE
0	Total organic halogens	13	µg/L	GE
0	Total organic halogens	19	µg/L	GE
0	Total organic halogens	24	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	8.9E-06 ± 4.0E-07	µCi/mL	GE

WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 9.23 ft (2.81 m) below TOC
Water elevation: 286.67 ft (87.38 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 88 gal

Time: 7:00
pH: 5.2
Alkalinity: 5 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Turbidity	17	NTU	GE
0	Turbidity	16	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	771	µg/L	GE
0	Chloride	3,460	µg/L	GE
0	Chloride	3,520	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	155	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	248	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	25	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	GE
0	Phenols	<5.0	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	6,140	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,720	µg/L	GE
0	Sulfate	1,020	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	88	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	9.1E-06 ± 4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL PAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 9:50
Depth to water: 11.16 ft (3.40 m) below TOC — pH: 6.1
Water elevation: 273.64 ft (83.41 m) msl — Alkalinity: 23 mg/L
Sp. conductance: 83 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 68 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	48	µS/cm	GE
0	Specific conductance	48	µS/cm	GE
0	Turbidity	28	NTU	GE
0	Turbidity	28	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	33	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,660	µg/L	GE
0	Chloride	5,000	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	4,420	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	882	µg/L	GE
2	Manganese	67	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	Nitrate as nitrogen	<50	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	9,740	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,480	µg/L	GE
0	Sulfate	8,520	µg/L	GE
0	Sulfate	8,040	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	19	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 1.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL PAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 8:25
Depth to water: 12.83 ft (3.91 m) below TOC — pH: 6.5
Water elevation: 277.07 ft (84.45 m) msl — Alkalinity: 66 mg/L
Sp. conductance: 191 µS/cm — Water temperature: 23.2°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	121	µS/cm	GE
0	Turbidity	30	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	95	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,700	µg/L	GE
0	Chloride	3,950	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	103	µg/L	GE
0	Fluoride	107	µg/L	GE
2	Iron	3,760	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	2,700	µg/L	GE
2	Manganese	556	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	7.4	µg/L	GE
0	Potassium	941	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	19,900	µg/L	GE
0	Sulfate	22,500	µg/L	GE

WELL PAC 3 collected on 08/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	118,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
1	Total organic halogens	34	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 1.8E-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 PAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 7:45
Depth to water: 5.80 ft (1.77 m) below TOC — pH: 5.2
Water elevation: 285.80 ft (87.11 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 122 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 92 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	Specific conductance	88	µS/cm	GE
0	Specific conductance	89	µS/cm	GE
0	Specific conductance	91	µS/cm	GE
0	Turbidity	4.4	NTU	GE
0	Turbidity	4.8	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Aluminum	34	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	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Beryllium	<5.0	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	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	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	153	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	3,900	µg/L	GE
0	Chloride	3,900	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	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'-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

WELL PAC 4 collected on 08/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	3,3'-Dichlorobenzidine	< 20	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	3.4	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	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-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	< 10	µg/L	GE
0	Endosulfan I	< 0.10	µg/L	GE
0	Endosulfan II	< 10	µg/L	GE
0	Endosulfan II	< 0.10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endosulfan sulfate	< 0.10	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	< 0.10	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
0	Heptachlor	< 0.050	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Heptachlor epoxide	< 0.050	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	55	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	163	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	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	< 4.0	µg/L	GE
0	Nitrate as nitrogen	1,180	µg/L	GE
0	Nitrate as nitrogen	1,200	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	6,120	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	21,600	µg/L	GE
0	Sulfate	31,400	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 dissolved solids	48,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	19	µg/L	GE
0	Total organic halogens	5.2	µg/L	GE
0	Total organic halogens	5.5	µg/L	GE
0	Total organic halogens	6.5	µg/L	GE
0	Total phosphates (as P)	< 100	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

WELL PAC 4 collected on 08/30/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	Zinc	6.5	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	8.1E-06 ± 4.0E-07	µCi/mL	GE

WELL PAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91
Depth to water: 9.64 ft (2.94 m) below TOC
Water elevation: 279.65 ft (85.24 m) msl
Sp. conductance: 257 µS/cm
Water evacuated before sampling: 30 gal
The well went dry during purging.

Time: 8:45
pH: 7.2
Alkalinity: 97 mg/L
Water temperature: 24.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
1	Specific conductance	255	µS/cm	GE
0	Turbidity	3.5	NTU	GE
0	Acenaphthene	< 10	µg/L	GE
0	Acenaphthylene	< 10	µg/L	GE
0	Aldrin	< 0.050	µg/L	GE
0	Aldrin	< 10	µg/L	GE
0	Aluminum	< 20	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	42	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	alpha-Benzene hexachloride	< 0.050	µg/L	GE
0	alpha-Benzene hexachloride	< 10	µg/L	GE
0	beta-Benzene hexachloride	< 0.050	µg/L	GE
0	beta-Benzene hexachloride	< 10	µg/L	GE
0	delta-Benzene hexachloride	< 0.050	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	Beryllium	< 5.0	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	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	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	28,500	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chlordane	< 0.50	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	3,580	µg/L	GE
0	Chloride	3,640	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	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	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 0.10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 0.10	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	< 20	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	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

ANALYTICAL RESULTS

WELL PAC 5 collected on 08/30/91, 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	Dieldrin	< 0.50	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	< 0.10	µg/L	GE
0	Endosulfan I	< 10	µg/L	GE
0	Endosulfan II	< 0.10	µg/L	GE
0	Endosulfan II	< 10	µg/L	GE
0	Endosulfan sulfate	< 0.10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin aldehyde	< 0.10	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	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.050	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 0.050	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
1	Iron	262	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 10	µg/L	GE
0	Magnesium	6,560	µg/L	GE
2	Manganese	171	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	< 4.0	µg/L	GE
0	Nitrate as nitrogen	< 50	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	18,500	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	25,200	µg/L	GE
0	Sulfate	31,400	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	Thallium	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total organic carbon	2,500	µg/L	GE
0	Total organic halogens	54	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Trichloroethane	< 10	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	Zinc	< 2.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.7E-09 ± 2.2E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	4.7E-06 ± 3.1E-07	µCi/mL	GE

WELL PAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/30/91 — Time: 9:20
Depth to water: 12.17 ft (3.71 m) below TOC — pH: 6.7
Water elevation: 277.23 ft (84.50 m) msl — Alkalinity: 140 mg/L
Sp. conductance: 302 µS/cm — Water temperature: 24.2°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	197	µS/cm	GE
0	Turbidity	28	NTU	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	43	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	19,200	µg/L	GE
0	Chloride	4,550	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	2,860	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Magnesium	5,270	µg/L	GE
2	Manganese	289	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	1,390	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	29,300	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	32,400	µg/L	GE
0	Sulfate	33,800	µg/L	GE
0	Total dissolved solids	179,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
1	Total organic halogens	49	µg/L	GE
1	Total organic halogens	40	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	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 2.1E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	4.9E-06 ± 3.0E-07	µCi/mL	GE

WELL PCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 — Time: 13:30
Depth to water: 19.51 ft (5.95 m) below TOC — pH: 5.8
Water elevation: 285.99 ft (87.17 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 301 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Beryllium	< 5.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Fluoride	255	µg/L	GE
0	Iron	136	µg/L	GE
0	Lead	5.0	µg/L	GE
2	Manganese	674	µg/L	GE
0	Nickel	39	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
2	Sulfate	2.7E+06	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
1	Total radium	2.5E-09 ± 3.1E-09	µCi/mL	GE

WELL PCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 — Time: 13:05
Depth to water: 16.75 ft (5.05 m) below TOC — pH: 5.1
Water elevation: 285.15 ft (86.91 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Beryllium	< 5.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE

WELL PCB 2A collected on 08/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Manganese	37	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Sulfate	11,300	µg/L	GE
0	Sulfate	10,900	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	2.4E-09 ± 3.3E-09	µCi/mL	GE

WELL PCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 13.49 ft (4.11 m) below TOC
Water elevation: 291.11 ft (88.73 m) msl
Sp. conductance: 443 µS/cm
Water evacuated before sampling: 75 gal
Time: 12:40
pH: 3.5
Alkalinity: 0 mg/L
Water temperature: 25.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Beryllium	<5.0	µg/L	GE
0	Chromium	5.6	µg/L	GE
0	Fluoride	253	µg/L	GE
2	Iron	6,230	µg/L	GE
2	Lead	21	µg/L	GE
2	Manganese	389	µg/L	GE
1	Nickel	55	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Sulfate	1.3E+06	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	2.0E-09 ± 3.0E-09	µCi/mL	GE

WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 24.98 ft (7.61 m) below TOC
Water elevation: 284.62 ft (86.75 m) msl
Sp. conductance: 1022 µS/cm
Water evacuated before sampling: 57 gal
Time: 10:45
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Beryllium	<5.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	531	µg/L	GE
0	Iron	13	µg/L	GE
2	Lead	20	µg/L	GE
2	Manganese	932	µg/L	GE
2	Nickel	130	µg/L	GE
0	Selenium	13	µg/L	GE
2	Sulfate	3.2E+06	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Total radium	2.4E-08 ± 7.5E-09	µCi/mL	GE

WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 24.98 ft (7.61 m) below TOC
Water elevation: 284.62 ft (86.75 m) msl
Sp. conductance: 1022 µS/cm
Water evacuated before sampling: 57 gal
Time: 10:45
pH: 3.7
Alkalinity: 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Beryllium	<5.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	542	µg/L	GE
0	Iron	13	µg/L	GE
2	Lead	20	µg/L	GE
2	Manganese	933	µg/L	GE
2	Nickel	131	µg/L	GE
0	Selenium	13	µg/L	GE
2	Sulfate	2.3E+07	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
2	Total radium	2.4E-08 ± 7.4E-09	µCi/mL	GE

WELL PDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 38.15 ft (11.63 m) below TOC
Water elevation: 281.35 ft (85.76 m) msl
Sp. conductance: 103 µS/cm
Water evacuated before sampling: 88 gal
Time: 13:10
pH: 5.3
Alkalinity: 5 mg/L
Water temperature: 24.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
1	Lead	13	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Total activity	1.4E-03 ± 3.0E-05	µCi/mL	EM
2	Tritium	1.4E-03 ± 5.4E-06	µCi/mL	GE

WELL PDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/05/91
Depth to water: 37.98 ft (11.58 m) below TOC
Water elevation: 281.51 ft (85.81 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 88 gal
Time: 12:40
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 25.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	60	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	2.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroothylene	<1.0	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
2	Lead	48	µg/L	GE
0	Oil & grease	<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	Total phosphates (as P)	<100	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	3.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
2	Tritium	2.3E-04 ± 2.2E-06	µCi/mL	GE

WELL PRP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 30.74 ft (9.37 m) below TOC
Water elevation: 253.86 ft (77.38 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 55 gal
Time: 14:10
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 19.9°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

ANALYTICAL RESULTS

WELL PRP 1A collected on 08/19/91, 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	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	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	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	Iron	28	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Nickel	< 4.0	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 halogens	< 5.0	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
2	Tritium	2.5E-05 ± 7.0E-07	µCi/mL	GE

WELL PRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 19.48 ft (5.94 m) below TOC
Water elevation: 266.92 ft (81.36 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 86 gal

Time: 14:40
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 21.4°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
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)	11	µg/L	GE
0	1,2-Dichloropropane	< 1.0	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	Iron	32	µg/L	GE
0	Lead	3.4	µg/L	GE
0	Manganese	2.7	µg/L	GE
0	Nickel	< 4.0	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
2	Total organic halogens	89	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	Tritium	3.4E-06 ± 3.0E-07	µCi/mL	GE

WELL PRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 20.49 ft (6.25 m) below TOC
Water elevation: 260.21 ft (79.31 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 83 gal

Time: 15:05
pH: 4.8
Alkalinity: 0 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

WELL PRP 3 collected on 08/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
2	Carbon tetrachloride	19	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl 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
2	1,1-Dichloroethane	145	µg/L	GE
2	1,2-Dichloroethane	227	µg/L	GE
2	1,1-Dichloroethylene	103	µg/L	GE
0	trans-1,2-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	11	µg/L	GE
0	1,2-Dichloropropane	< 1.0	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	Iron	107	µg/L	GE
2	Lead	25	µg/L	GE
2	Manganese	70	µg/L	GE
0	Nickel	10.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	30	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
2	Total organic halogens	364	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
2	Trichloroethylene	48	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Tritium	9.4E-06 ± 4.0E-07	µCi/mL	GE

WELL PRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 21.10 ft (6.43 m) below TOC
Water elevation: 263.60 ft (80.35 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 81 gal

Time: 15:40
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.5°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)	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	Iron	29	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Nickel	< 4.0	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	Total organic halogens	14	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	Tritium	5.7E-06 ± 4.0E-07	µCi/mL	GE

WELL PSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 48.43 ft (14.76 m) below TOC
Water elevation: 280.67 ft (85.55 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 61 gal
Time: 11:15
pH: 6.2
Alkalinity: 2 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Copper	41	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	6.8	µg/L	GE
0	Nitrate as nitrogen	2,500	µg/L	GE
0	Nitrate as nitrogen	2,500	µg/L	GE
0	Total activity	4.1E-01 ± 1.5E-03	µCi/mL	EM
2	Tritium	1.9E-01 ± 6.3E-05	µCi/mL	GE

WELL PSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 42.30 ft (12.89 m) below TOC
Water elevation: 281.40 ft (85.77 m) msl
Sp. conductance: 56 µS/cm
Water evacuated before sampling: 64 gal
Time: 10:45
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Copper	8.2	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Nitrate as nitrogen	2,100	µg/L	GE
0	Total activity	4.5E-02 ± 4.9E-04	µCi/mL	EM
2	Tritium	2.2E-02 ± 2.1E-05	µCi/mL	GE

WELL PSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 38.66 ft (11.78 m) below TOC
Water elevation: 279.94 ft (85.33 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 62 gal
Time: 10:30
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Copper	476	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	41	µg/L	GE
0	Nitrate as nitrogen	2,000	µg/L	GE
0	Total activity	7.8E-02 ± 4.5E-04	µCi/mL	EM
2	Tritium	7.9E-02 ± 4.0E-05	µCi/mL	GE

WELL PSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 33.45 ft (10.20 m) below TOC
Water elevation: 279.05 ft (85.06 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 62 gal
Time: 10:10
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Copper	388	µg/L	GE
0	Iron	5.2	µg/L	GE
2	Lead	27	µg/L	GE
0	Nitrate as nitrogen	2,700	µg/L	GE
0	Nitrate as nitrogen	2,700	µg/L	GE
0	Total activity	6.0E-03 ± 2.1E-04	µCi/mL	EM
2	Tritium	2.7E-03 ± 7.4E-06	µCi/mL	GE

WELL PSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 38.80 ft (11.83 m) below TOC
Water elevation: 280.50 ft (85.50 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 22 gal
The well went dry during purging.
Time: 12:00
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Copper	288	µg/L	GE
0	Iron	10	µg/L	GE
2	Lead	26	µg/L	GE
0	Nitrate as nitrogen	2,800	µg/L	GE
2	Tritium	4.3E-05 ± 9.0E-07	µCi/mL	GE

WELL PSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 42.95 ft (13.09 m) below TOC
Water elevation: 281.25 ft (85.73 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 50 gal
Time: 9:50
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Copper	105	µg/L	GE
0	Iron	<4.0	µg/L	GE
1	Lead	9.2	µg/L	GE
0	Nitrate as nitrogen	2,700	µg/L	GE
0	Total activity	2.1E-01 ± 1.0E-03	µCi/mL	EM
2	Tritium	1.0E-01 ± 4.5E-05	µCi/mL	GE

WELL PSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 50.38 ft (15.36 m) below TOC
Water elevation: 280.32 ft (85.44 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 56 gal
Time: 11:35
pH: 5.9
Alkalinity: 8 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Copper	113	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	6.5	µg/L	GE
0	Nitrate as nitrogen	2,400	µg/L	GE
0	Total activity	1.1E-02 ± 7.5E-05	µCi/mL	EM
2	Tritium	1.0E-02 ± 1.4E-05	µCi/mL	GE

WELL PSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91
Depth to water: 50.38 ft (15.36 m) below TOC
Water elevation: 280.32 ft (85.44 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 56 gal
Time: 11:35
pH: 5.9
Alkalinity: 8 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Copper	114	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	6.5	µg/L	GE
0	Nitrate as nitrogen	2,400	µg/L	GE
2	Tritium	8.7E-03 ± 1.3E-05	µCi/mL	GE

ANALYTICAL RESULTS

WELL PSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 9:50
Depth to water: 14.11 ft (4.30 m) below TOC pH: 5.2
Water elevation: 205.49 ft (62.63 m) msl Alkalinity: 1 mg/L
Sp. conductance: 39 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,680	µg/L	GE
0	Chloride	1,720	µg/L	GE
0	Iron	22	µg/L	GE
0	Manganese	4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	4,920	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL PSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 9:15
Depth to water: 24.81 ft (7.56 m) below TOC pH: 4.8
Water elevation: 203.89 ft (62.15 m) msl Alkalinity: 0 mg/L
Sp. conductance: 16 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,520	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	650	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	810	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL PSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 9:15
Depth to water: 24.81 ft (7.56 m) below TOC pH: 4.8
Water elevation: 203.89 ft (62.15 m) msl Alkalinity: 0 mg/L
Sp. conductance: 16 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,540	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	660	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	814	µg/L	GE
0	Total dissolved solids	11,000	µg/L	GE
0	Total dissolved solids	10,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	3.0E-09 ± 3.2E-09	µCi/mL	GE

WELL PSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 10:10
Depth to water: 30.01 ft (9.15 m) below TOC pH: 5.1
Water elevation: 203.99 ft (62.18 m) msl Alkalinity: 1 mg/L
Sp. conductance: 10 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 15 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	Chlordane	<0.50	µg/L	GE
0	Chloride	1,150	µg/L	GE
1	Iron	213	µg/L	GE
0	Manganese	10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Sodium	681	µg/L	GE
0	Total dissolved solids	8,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.9E-09	µCi/mL	GE

WELL RAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91 Time: 8:25
Depth to water: 8.20 ft (2.50 m) below TOC pH: 4.5
Water elevation: 275.40 ft (83.94 m) msl Alkalinity: 1 mg/L
Sp. conductance: 68 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	81	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	17	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 3.1E-09	µCi/mL	GE

WELL RAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91 Time: 8:50
Depth to water: 6.83 ft (2.08 m) below TOC pH: 4.5
Water elevation: 273.57 ft (83.39 m) msl Alkalinity: 0 mg/L
Sp. conductance: 47 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	43	µg/L	GE
2	Lead	31	µg/L	GE
1	Manganese	25	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 2.8E-09	µCi/mL	GE

WELL RAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91 Time: 9:30
Depth to water: 5.87 ft (1.79 m) below TOC pH: 4.7
Water elevation: 273.43 ft (83.34 m) msl Alkalinity: 0 mg/L
Sp. conductance: 36 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 82 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	64	µg/L	GE
1	Lead	7.7	µg/L	GE
0	Manganese	22	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.7E-09	µCi/mL	GE

WELL RAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: 5.81 ft (1.77 m) below TOC
Water elevation: 273.19 ft (83.27 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 92 gal
Time: 9:10
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Manganese	14	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 3.1E-09	µCi/mL	GE

WELL RDB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91
Depth to water: 6.07 ft (1.85 m) below TOC
Water elevation: 286.33 ft (87.27 m) msl
Sp. conductance: 239 µS/cm
Water evacuated before sampling: 56 gal
Time: 8:15
pH: 6.4
Alkalinity: 99 mg/L
Water temperature: 21.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Iron	228	µg/L	GE
0	Manganese	14	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

WELL RDB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91
Depth to water: 7.23 ft (2.20 m) below TOC
Water elevation: 285.37 ft (86.98 m) msl
Sp. conductance: 311 µS/cm
Water evacuated before sampling: 52 gal
Time: 8:30
pH: 6.7
Alkalinity: 146 mg/L
Water temperature: 22.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	11,900	µg/L	GE
2	Manganese	189	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL RDB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91
Depth to water: 8.41 ft (2.56 m) below TOC
Water elevation: 284.29 ft (86.65 m) msl
Sp. conductance: 109 µS/cm
Water evacuated before sampling: 48 gal
Time: 9:00
pH: 5.9
Alkalinity: 40 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	384	µg/L	GE
1	Manganese	49	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE

WELL RRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: 15.97 ft (4.87 m) below TOC
Water elevation: 268.43 ft (81.82 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 68 gal
Time: 7:00
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 18.7°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
2	Iron	450	µg/L	GE
0	Manganese	8.2	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)	<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

WELL RRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91
Depth to water: 14.56 ft (4.44 m) below TOC
Water elevation: 269.94 ft (82.26 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 72 gal
Time: 8:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
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	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	1.0	µg/L	GE
1	Chloroethane	7.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	93	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	52	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)	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	11	µg/L	GE
0	Iron	25	µg/L	GE
0	Manganese	10	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	5.0	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

ANALYTICAL RESULTS

WELL RRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91 — Time: 7:40
Depth to water: 10.68 ft (3.26 m) below TOC — pH: 5.0
Water elevation: 269.42 ft (82.12 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 84 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)	2.9	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
1	Iron	225	µg/L	GE
0	Manganese	9.5	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)	<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

WELL RRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/10/91 — Time: 7:20
Depth to water: 11.82 ft (3.60 m) below TOC — pH: 5.2
Water elevation: 268.38 ft (81.80 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 80 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)	2.8	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
2	Iron	4,390	µg/L	GE
0	Manganese	13	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)	<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

WELL RSA 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 — Time: 12:45
Depth to water: 15.80 ft (4.82 m) below TOC — pH: 6.8
Water elevation: 298.90 ft (91.11 m) msl
Sp. conductance: 25 µS/cm — Water temperature: 24.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09 ± 1.1E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL RSA 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 — Time: 12:30
Depth to water: 16.60 ft (5.06 m) below TOC — pH: 6.5
Water elevation: 297.70 ft (90.74 m) msl
Sp. conductance: 34 µS/cm — Water temperature: 24.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	7.3E-07 ± 2.0E-07	µCi/mL	GE

WELL RSA 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 — Time: 12:15
Depth to water: 17.40 ft (5.30 m) below TOC — pH: 5.8
Water elevation: 294.70 ft (89.83 m) msl
Sp. conductance: 25 µS/cm — Water temperature: 24.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 1.1E-09	µCi/mL	GE
0	Tritium	8.4E-07 ± 2.0E-07	µCi/mL	GE

WELL RSA 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 — Time: 13:00
Depth to water: 24.00 ft (7.32 m) below TOC — pH: 6.6
Water elevation: 291.40 ft (88.82 m) msl
Sp. conductance: 50 µS/cm — Water temperature: 20.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	52	µg/L	GE
0	Nitrate as nitrogen	1,840	µg/L	GE
0	Gross alpha	2.1E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	6.7E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 2.0E-07	µCi/mL	GE

WELL RSB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 — Time: 13:50
Depth to water: 16.40 ft (5.00 m) below TOC — pH: 6.8
Water elevation: 291.70 ft (88.91 m) msl
Sp. conductance: 23 µS/cm — Water temperature: 21.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	60	µg/L	GE
0	Nitrate as nitrogen	1,570	µg/L	GE
0	Nitrate as nitrogen	1,580	µg/L	GE
0	Gross alpha	2.6E-09 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	5.6E-09 ± 2.5E-09	µCi/mL	GE

WELL RSB 7 collected on 09/20/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	GE

WELL RSB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 14:15
Depth to water: 13.60 ft (4.15 m) below TOC pH: 6.3
Water elevation: 292.20 ft (89.06 m) msl
Sp. conductance: 31 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.5E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	4.1E-09 ± 2.3E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL RSB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 14:00
Depth to water: 12.20 ft (3.72 m) below TOC pH: 6.1
Water elevation: 293.40 ft (89.43 m) msl
Sp. conductance: 101 µS/cm Water temperature: 20.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 2.0E-07	µCi/mL	GE

WELL RSC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 14:45
Depth to water: 17.40 ft (5.30 m) below TOC pH: 6.6
Water elevation: 285.20 ft (86.93 m) msl
Sp. conductance: 90 µS/cm Water temperature: 21.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.0E-09 ± 1.3E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL RSC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 13:00
Depth to water: 18.60 ft (5.67 m) below TOC pH: 6.1
Water elevation: 284.00 ft (86.56 m) msl
Sp. conductance: 82 µS/cm Water temperature: 21.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.2E-09 ± 1.2E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL RSC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 14:30
Depth to water: 11.40 ft (3.47 m) below TOC pH: 6.3
Water elevation: 289.90 ft (88.36 m) msl
Sp. conductance: 43 µS/cm Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	9.5E-09 ± 2.2E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 1.5E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE

WELL RSC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 14:05
Depth to water: 22.20 ft (6.77 m) below TOC pH: 5.5
Water elevation: 282.90 ft (86.23 m) msl
Sp. conductance: 133 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.2E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	3.9E-09 ± 2.2E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE

WELL RSC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 13:15
Depth to water: 9.40 ft (2.87 m) below TOC pH: 6.1
Water elevation: 294.50 ft (89.76 m) msl
Sp. conductance: 65 µS/cm Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 1.3E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL RSC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 13:30
Depth to water: 15.70 ft (4.79 m) below TOC pH: 6.3
Water elevation: 293.30 ft (89.40 m) msl
Sp. conductance: 121 µS/cm Water temperature: 22.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE

WELL RSC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 13:45
Depth to water: 10.20 ft (3.11 m) below TOC pH: 6.8
Water elevation: 300.10 ft (91.47 m) msl
Sp. conductance: 54 µS/cm Water temperature: 23.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	9.9E-07 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL RSC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 13:10
Depth to water: 24.50 ft (7.47 m) below TOC pH: 4.5
Water elevation: 278.70 ft (84.95 m) msl
Sp. conductance: 85 µS/cm Water temperature: 20.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	7.5E-09 ± 3.7E-09	µCi/mL	GE
0	Nonvolatile beta	6.2E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	GE

WELL RSC 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 13:50
Depth to water: 20.50 ft (6.25 m) below TOC pH: 6.3
Sp. conductance: 39 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	7.6E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	6.2E-09 ± 1.5E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 10:00
Depth to water: 12.20 ft (3.72 m) below TOC pH: 5.6
Water elevation: 288.80 ft (88.03 m) msl
Sp. conductance: 51 µS/cm Water temperature: 20.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	41	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
1	Gross alpha	9.2E-09 ± 1.3E-08	µCi/mL	GE
2	Nonvolatile beta	5.1E-08 ± 2.0E-08	µCi/mL	GE
0	Total radium	1.9E-09 ± 1.4E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 10:10
Depth to water: 11.00 ft (3.35 m) below TOC pH: 7.4
Water elevation: 290.20 ft (88.45 m) msl
Sp. conductance: 29 µS/cm Water temperature: 24.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	1.3E-08 ± 2.1E-09	µCi/mL	GE
2	Nonvolatile beta	2.2E-07 ± 5.6E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 10:15
Depth to water: 12.50 ft (3.81 m) below TOC pH: 5.3
Water elevation: 291.10 ft (88.73 m) msl
Sp. conductance: 35 µS/cm Water temperature: 23.1°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	9.7E-09 ± 3.6E-09	µCi/mL	GE
2	Nonvolatile beta	1.5E-07 ± 8.5E-09	µCi/mL	GE
0	Total activity	6.1E-06 ± 1.5E-06	µCi/mL	EM
0	Total activity	6.1E-06 ± 1.5E-06	µCi/mL	EM
0	Tritium	2.2E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 10:15
Depth to water: 11.50 ft (3.51 m) below TOC pH: 6.9
Water elevation: 290.20 ft (88.45 m) msl
Sp. conductance: 44 µS/cm Water temperature: 25.4°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	1.8E-07 ± 7.5E-09	µCi/mL	GE
2	Nonvolatile beta	3.0E-06 ± 2.0E-08	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 10:30
Depth to water: 9.50 ft (2.90 m) below TOC pH: 7.2
Sp. conductance: 43 µS/cm Water temperature: 24.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	4.7E-09 ± 2.2E-09	µCi/mL	GE
0	Nonvolatile beta	9.0E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL RSD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 15:25
Depth to water: 11.40 ft (3.47 m) below TOC pH: 5.6
Water elevation: 290.20 ft (88.45 m) msl
Sp. conductance: 29 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	1.1E-08 ± 5.5E-09	µCi/mL	GE
1	Nonvolatile beta	3.3E-08 ± 6.6E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 15:00
Depth to water: 12.20 ft (3.72 m) below TOC pH: 5.9
Water elevation: 289.50 ft (88.24 m) msl
Sp. conductance: 34 µS/cm Water temperature: 21.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	2.0E-08 ± 5.0E-09	µCi/mL	GE
2	Nonvolatile beta	2.5E-07 ± 1.1E-08	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 14:50
Depth to water: 13.40 ft (4.08 m) below TOC pH: 6.3
Water elevation: 288.70 ft (88.00 m) msl
Sp. conductance: 59 µS/cm Water temperature: 20.2°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	2.3E-08 ± 5.5E-09	µCi/mL	GE
2	Nonvolatile beta	2.0E-07 ± 9.9E-09	µCi/mL	GE
0	Tritium	2.1E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 15:10
Depth to water: 6.00 ft (1.83 m) below TOC pH: 6.0
Water elevation: 287.40 ft (87.60 m) msl
Sp. conductance: 22 µS/cm Water temperature: 22.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	8.6E-09 ± 3.3E-09	µCi/mL	GE
2	Nonvolatile beta	8.2E-08 ± 6.5E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 15:20
Depth to water: 6.00 ft (1.83 m) below TOC pH: 6.5
Water elevation: 287.00 ft (87.48 m) msl
Sp. conductance: 27 µS/cm Water temperature: 22.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	5.3E-08 ± 8.0E-09	µCi/mL	GE
2	Nonvolatile beta	8.1E-07 ± 2.0E-08	µCi/mL	GE
0	Tritium	2.6E-06 ± 3.0E-07	µCi/mL	GE

WELL RSD 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 10:05
Depth to water: 8.60 ft (2.62 m) below TOC pH: 5.9
Water elevation: 284.00 ft (86.56 m) msl
Sp. conductance: 68 µS/cm Water temperature: 23.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.8E-09 ± 1.2E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 10:15
Depth to water: 8.60 ft (2.62 m) below TOC pH: 5.5
Water elevation: 283.90 ft (86.53 m) msl
Sp. conductance: 28 µS/cm Water temperature: 24.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.9E-09 ± 1.2E-09	µCi/mL	GE
2	Nonvolatile beta	5.1E-08 ± 2.9E-09	µCi/mL	GE
0	Tritium	1.6E-06 ± 2.0E-07	µCi/mL	GE

WELL RSD 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 10:20
Depth to water: 8.60 ft (2.62 m) below TOC pH: 5.7
Water elevation: 283.70 ft (86.47 m) msl
Sp. conductance: 126 µS/cm Water temperature: 24.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.0E-09 ± 1.3E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 1.8E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 3.0E-07	µCi/mL	GE

WELL RSE 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 10:45
Depth to water: 9.60 ft (2.93 m) below TOC pH: 6.2
Water elevation: 294.80 ft (89.86 m) msl
Sp. conductance: 81 µS/cm Water temperature: 27.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	4.6E-09 ± 1.5E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 1.7E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL RSE 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 10:50
Depth to water: 8.80 ft (2.68 m) below TOC pH: 6.5
Water elevation: 294.90 ft (89.89 m) msl
Sp. conductance: 31 µS/cm Water temperature: 26.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.3E-09 ± 1.1E-09	µCi/mL	GE
0	Nonvolatile beta	6.4E-09 ± 1.5E-09	µCi/mL	GE
0	Tritium	7.8E-07 ± 2.0E-07	µCi/mL	GE

WELL RSE 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 11:00
Depth to water: 8.50 ft (2.59 m) below TOC pH: 6.5
Water elevation: 295.10 ft (89.95 m) msl
Sp. conductance: 34 µS/cm Water temperature: 26.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.5E-09 ± 1.2E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL RSE 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 10:35
Depth to water: 9.00 ft (2.74 m) below TOC pH: 6.8
Water elevation: 293.80 ft (89.55 m) msl
Sp. conductance: 29 µS/cm Water temperature: 27.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.5E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	7.3E-09 ± 1.5E-09	µCi/mL	GE
0	Tritium	8.7E-07 ± 2.0E-07	µCi/mL	GE

WELL RSE 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 10:00
Depth to water: 13.80 ft (4.21 m) below TOC pH: 6.9
Water elevation: 287.20 ft (87.54 m) msl
Sp. conductance: 57 µS/cm Water temperature: 23.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	5.4E-09 ± 1.5E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 2.1E-09	µCi/mL	GE
0	Tritium	9.0E-07 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL RSE 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 14:30
Depth to water: 12.80 ft (3.90 m) below TOC pH: 5.9
Water elevation: 291.80 ft (88.94 m) msl
Sp. conductance: 35 µS/cm Water temperature: 22.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	1.1E-07 ± 1.1E-08	µCi/mL	GE
2	Nonvolatile beta	1.6E-06 ± 2.7E-06	µCi/mL	GE
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	GE

WELL RSE 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 9:40
Depth to water: 14.00 ft (4.27 m) below TOC pH: 6.5
Water elevation: 291.90 ft (88.97 m) msl
Sp. conductance: 33 µS/cm Water temperature: 21.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	5.9E-08 ± 1.2E-08	µCi/mL	GE
2	Nonvolatile beta	7.6E-07 ± 2.7E-08	µCi/mL	GE
0	Total activity	5.6E-06 ± 1.4E-06	µCi/mL	EM
0	Total activity	5.6E-06 ± 1.4E-06	µCi/mL	EM
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	GE

WELL RSE 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 14:10
Depth to water: 12.80 ft (3.90 m) below TOC pH: 6.7
Water elevation: 291.90 ft (88.97 m) msl
Sp. conductance: 24 µS/cm Water temperature: 27.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	6.1E-08 ± 4.3E-09	µCi/mL	GE
2	Nonvolatile beta	1.1E-06 ± 1.2E-08	µCi/mL	GE
0	Tritium	1.9E-06 ± 3.0E-07	µCi/mL	GE

WELL RSE 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 Time: 14:20
Depth to water: 14.40 ft (4.39 m) below TOC pH: 5.9
Water elevation: 291.60 ft (88.88 m) msl
Sp. conductance: 47 µS/cm Water temperature: 25.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.6E-09 ± 1.3E-09	µCi/mL	GE
2	Nonvolatile beta	6.1E-08 ± 3.1E-09	µCi/mL	GE
0	Tritium	5.5E-06 ± 4.0E-07	µCi/mL	GE

WELL RSE 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 10:30
Depth to water: 11.00 ft (3.35 m) below TOC pH: 5.3
Water elevation: 293.60 ft (89.49 m) msl
Sp. conductance: 71 µS/cm Water temperature: 23.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	8.3E-08 ± 9.9E-09	µCi/mL	GE
2	Nonvolatile beta	1.4E-06 ± 2.6E-08	µCi/mL	GE
0	Total activity	7.3E-06 ± 1.5E-06	µCi/mL	EM
0	Total activity	7.3E-06 ± 1.5E-06	µCi/mL	EM
0	Tritium	1.9E-06 ± 2.0E-07	µCi/mL	GE

WELL RSE 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 14:50
Depth to water: 15.80 ft (4.82 m) below TOC pH: 5.0
Water elevation: 287.20 ft (87.54 m) msl
Sp. conductance: 65 µS/cm Water temperature: 23.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	1.1E-08 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 2.2E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL RSE 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 Time: 15:00
Depth to water: 9.00 ft (2.74 m) below TOC pH: 5.2
Water elevation: 293.10 ft (89.34 m) msl
Sp. conductance: 107 µS/cm Water temperature: 26.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.0E-09 ± 1.2E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 1.7E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 2.0E-07	µCi/mL	GE

WELL RSE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 13:20
Depth to water: 19.50 ft (5.94 m) below TOC pH: 5.7
Water elevation: 288.30 ft (87.87 m) msl
Sp. conductance: 39 µS/cm Water temperature: 23.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	160	µg/L	GE
0	Nitrate as nitrogen	1,640	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.9E-09 ± 8.1E-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 RSE 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/20/91 Time: 10:40
Depth to water: 14.60 ft (4.45 m) below TOC pH: 5.3
Water elevation: 293.20 ft (89.37 m) msl
Sp. conductance: 47 µS/cm Water temperature: 23.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	19	µg/L	GE
0	Nitrate as nitrogen	1,560	µg/L	GE
0	Nitrate as nitrogen	1,540	µg/L	GE
1	Gross alpha	1.1E-08 ± 5.6E-09	µCi/mL	GE
1	Nonvolatile beta	3.2E-08 ± 6.5E-09	µCi/mL	GE
0	Total activity	6.5E-05 ± 2.2E-06	µCi/mL	EM
0	Total activity	6.5E-05 ± 2.2E-06	µCi/mL	EM
0	Total radium	1.2E-09 ± 1.3E-09	µCi/mL	GE
2	Tritium	5.8E-05 ± 1.1E-06	µCi/mL	GE

WELL RSE 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 — Time: 14:40
Depth to water: 11.00 ft (3.35 m) below TOC — pH: 5.6
Water elevation: 292.60 ft (89.25 m) msl
Sp. conductance: 48 µS/cm — Water temperature: 23.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	2.0E-08 ± 2.6E-09	µCi/mL	GE
2	Nonvolatile beta	2.7E-07 ± 6.3E-09	µCi/mL	GE
0	Tritium	8.9E-07 ± 2.0E-07	µCi/mL	GE

WELL RSE 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 — Time: 14:20
The well was dry.

WELL RSE 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/24/91 — Time: 14:00
Depth to water: 8.40 ft (2.56 m) below TOC — pH: 6.9
Water elevation: 292.60 ft (89.25 m) msl
Sp. conductance: 34 µS/cm — Water temperature: 26.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	1.4E-08 ± 2.1E-09	µCi/mL	GE
2	Nonvolatile beta	2.2E-07 ± 5.5E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL RSE 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 — Time: 14:20
Depth to water: 20.50 ft (6.25 m) below TOC — pH: 6.1
Water elevation: 286.60 ft (87.36 m) msl
Sp. conductance: 186 µS/cm — Water temperature: 24.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	1.8E-08 ± 2.8E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 1.7E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL RSE 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/23/91 — Time: 14:30
Depth to water: 13.00 ft (3.96 m) below TOC — pH: 5.6
Water elevation: 291.80 ft (88.94 m) msl
Sp. conductance: 123 µS/cm — Water temperature: 23.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	1.0E-08 ± 2.1E-09	µCi/mL	GE
2	Nonvolatile beta	1.4E-07 ± 4.6E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL RSE 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 9:45
Depth to water: 10.32 ft (3.15 m) below TOC — pH: 5.3
Water elevation: 283.78 ft (86.50 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	< 2.0	µg/L	GE
0	Total phosphates (as P)	< 100	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-08 ± 2.0E-07	µCi/mL	GE

WELL RSE 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 10:45
Depth to water: 15.20 ft (4.63 m) below TOC — pH: 5.3
Water elevation: 278.70 ft (84.95 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 24.1°C
Water evacuated before sampling: 108 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	< 2.0	µg/L	GE
0	Total phosphates (as P)	< 100	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 RSF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91 — Time: 10:30
Depth to water: 18.52 ft (5.64 m) below TOC — pH: 9.5
Water elevation: 284.58 ft (86.74 m) msl — Alkalinity: 36 mg/L
Sp. conductance: 92 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 146 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	< 2.0	µg/L	GE
0	Total phosphates (as P)	< 100	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 ± 2.1E-09	µCi/mL	GE
2	Tritium	2.3E-05 ± 7.0E-07	µCi/mL	GE

WELL RSF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91 — Time: 9:50
Depth to water: 17.62 ft (5.37 m) below TOC — pH: 5.3
Water elevation: 285.18 ft (86.92 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 158 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	< 2.0	µg/L	GE
0	Total phosphates (as P)	< 100	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	1.9E-06 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL RSF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/06/91 — Time: 12:40
Depth to water: 20.47 ft (6.24 m) below TOC — pH: 5.8
Water elevation: 288.63 ft (87.37 m) msl — Alkalinity: 9 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 149 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Total phosphates (as P)	<100	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 ± 2.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 10:00
Depth to water: 179.73 ft (54.78 m) below TOC — pH: 4.4
Water elevation: 184.97 ft (56.38 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 123 µS/cm — Water temperature: 21.0°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	19,800	µg/L	MA
2	Tetrachloroethylene	19,900	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	42,800	µg/L	MA
2	Trichloroethylene	43,300	µg/L	MA

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/06/91 — Time: 11:30
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 123 µS/cm — Water temperature: 24.0°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	162	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	57	µg/L	GE
0	Benzene	<100	µg/L	GE
0	Bromodichloromethane	<100	µg/L	GE
0	Bromoform	<100	µg/L	GE
0	Bromomethane (Methyl bromide)	<100	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<100	µg/L	GE
0	Chloride	3,700	µg/L	GE
0	Chlorobenzene	<100	µg/L	GE
0	Chloroethane	<100	µg/L	GE
0	Chloroethene (Vinyl chloride)	<100	µg/L	GE
0	2-Chloroethyl vinyl ether	<100	µg/L	GE
0	Chloroform	<100	µg/L	GE
0	Chloromethane (Methyl chloride)	<100	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	<100	µg/L	GE
0	1,1-Dichloroethane	<100	µg/L	GE
0	1,2-Dichloroethane	<100	µg/L	GE
0	1,1-Dichloroethylene	<100	µg/L	GE
0	trans-1,2-Dichloroethylene	<100	µg/L	GE
0	Dichloromethane (Methylene chloride)	510	µg/L	GE
0	1,2-Dichloropropane	<100	µg/L	GE
0	trans-1,3-Dichloropropene	<100	µg/L	GE
0	cis-1,3-Dichloropropene	<100	µg/L	GE
0	Ethylbenzene	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Manganese	30	µg/L	GE
0	Mercury	0.25	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	12,100	µg/L	GE
0	Phenol	<10	µg/L	GE

WELL RWM 1 collected on 08/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,430	µg/L	GE
0	Sulfate	3,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<100	µg/L	GE
2	Tetrachloroethylene	15,700	µg/L	GE
0	Toluene	<100	µg/L	GE
2	Total organic halogens	20,000	µg/L	LC
2	Total organic halogens	20,000	µg/L	LC
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	GE
0	1,1,2-Trichloroethane	<100	µg/L	GE
2	Trichloroethylene	36,000	µg/L	GE
0	Trichlorofluoromethane	<100	µg/L	GE
0	Uranium	<1,000	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	5.0E-09 ± 2.6E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 2.6E-09	µCi/mL	GE
2	Total radium	9.1E-09 ± 4.5E-09	µCi/mL	GE

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 7:55
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 121 µS/cm — Water temperature: 19.5°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	Chloroform	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
0	trans-1,2-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	18,200	µg/L	MA
2	Tetrachloroethylene	18,600	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	38,900	µg/L	MA
2	Trichloroethylene	39,800	µg/L	MA

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 7:35
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity: 0 mg/L
Sp. conductance: 119 µS/cm — Water temperature: 18.8°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	25,800	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	48,700	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 13:50
Depth to water: 207.75 ft (63.32 m) below TOC — pH: 4.6
Water elevation: 163.55 ft (49.85 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 60 µS/cm — Water temperature: 21.9°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	7,340	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	22,200	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 9:00
Depth to water: 208.76 ft (63.63 m) below TOC — pH: 4.9
Water elevation: 162.54 ft (49.54 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 57 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	6,500	µg/L	MA
0	1,1,1-Trichloroethane	< 500	µg/L	MA
2	Trichloroethylene	17,600	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 8:45
Depth to water: 208.25 ft (63.46 m) below TOC — pH: 4.8
Water elevation: 163.05 ft (49.70 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 56 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	13,500	µg/L	MA
0	1,1,1-Trichloroethane	< 500	µg/L	MA
2	Trichloroethylene	26,700	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 13:45
Depth to water: 168.73 ft (51.43 m) below TOC — pH: 4.4
Water elevation: 208.27 ft (63.48 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 63 µS/cm — Water temperature: 22.4°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	3,560	µg/L	MA
0	1,1,1-Trichloroethane	< 500	µg/L	MA
2	Trichloroethylene	16,500	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 8:55
Depth to water: 172.37 ft (52.54 m) below TOC — pH: 4.7
Water elevation: 204.63 ft (62.37 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 61 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	3,750	µg/L	MA
0	1,1,1-Trichloroethane	< 500	µg/L	MA
2	Trichloroethylene	15,200	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 8:40
Depth to water: 168.04 ft (51.52 m) below TOC — pH: 4.6
Water elevation: 207.96 ft (63.39 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 61 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	4,160	µg/L	MA
0	1,1,1-Trichloroethane	< 500	µg/L	MA
2	Trichloroethylene	18,100	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 10:10
Depth to water: 158.76 ft (48.39 m) below TOC — pH: 4.7
Water elevation: 207.74 ft (63.32 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 21.9°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
2	Tetrachloroethylene	951	µg/L	MA
0	1,1,1-Trichloroethane	< 100	µg/L	MA
2	Trichloroethylene	7,310	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 8:05
Depth to water: 159.26 ft (48.54 m) below TOC — pH: 5.0
Water elevation: 207.24 ft (63.17 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 19.5°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	930	µg/L	MA
0	1,1,1-Trichloroethane	< 100	µg/L	MA
2	Trichloroethylene	6,820	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 7:45
Depth to water: 158.05 ft (48.17 m) below TOC — pH: 4.9
Water elevation: 208.45 ft (63.54 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 19.0°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	642	µg/L	MA
0	1,1,1-Trichloroethane	< 100	µg/L	MA
2	Trichloroethylene	6,140	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 14:10
Depth to water: 156.44 ft (47.68 m) below TOC — pH: 4.8
Water elevation: 210.46 ft (64.15 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 21.2°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	948	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA
2	Trichloroethylene	1,670	µg/L	MA

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 9:10
Depth to water: 156.54 ft (47.71 m) below TOC — pH: 4.9
Water elevation: 210.36 ft (64.12 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 20.4°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	1,270	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA
2	Trichloroethylene	1,730	µg/L	MA

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 9:05
Depth to water: 155.53 ft (47.41 m) below TOC — pH: 4.9
Water elevation: 211.37 ft (64.43 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 20.2°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<25	µg/L	MA
0	Chloroform	<25	µg/L	MA
0	1,1-Dichloroethylene	<25	µg/L	MA
0	1,1-Dichloroethylene	<25	µg/L	MA
0	trans-1,2-Dichloroethylene	<25	µg/L	MA
0	trans-1,2-Dichloroethylene	<25	µg/L	MA
2	Tetrachloroethylene	1,470	µg/L	MA
2	Tetrachloroethylene	1,540	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA
2	Trichloroethylene	2,160	µg/L	MA
2	Trichloroethylene	2,270	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 11:45
Depth to water: 174.48 ft (53.18 m) below TOC — pH: 4.7
Water elevation: 174.62 ft (53.22 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 22.2°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	6,270	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	7,930	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 8:15
Depth to water: 177.31 ft (54.04 m) below TOC — pH: 4.9
Water elevation: 171.79 ft (52.36 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 20.1°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	6,740	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	8,580	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 8:00
Depth to water: 173.17 ft (52.78 m) below TOC — pH: 4.9
Water elevation: 175.93 ft (53.62 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 19.5°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	8,760	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	10,600	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 11:35
Depth to water: 155.13 ft (47.28 m) below TOC — pH: 4.5
Water elevation: 193.87 ft (59.09 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 79 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	4,680	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	4,680	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/30/91 — Time: 12:20
Depth to water: 152.01 ft (46.33 m) below TOC — pH: 4.5
Water elevation: 196.99 ft (60.04 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 80 µS/cm — Water temperature: 21.7°C
The well was continuously pumping.

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/07/91 — Time: 10:40
Depth to water: 155.13 ft (47.28 m) below TOC — pH: 4.6
Water elevation: 193.87 ft (59.09 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 78 µS/cm — Water temperature: 21.7°C
The well was continuously pumping.

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 8:25
Depth to water: 154.43 ft (47.07 m) below TOC — pH: 4.6
Water elevation: 194.57 ft (59.31 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 77 µS/cm — Water temperature: 19.9°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	5,440	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	5,430	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 8:10
Depth to water: 153.01 ft (46.64 m) below TOC — pH: 4.6
Water elevation: 195.99 ft (59.74 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 77 µS/cm — Water temperature: 19.3°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	6,580	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	6,150	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 9:40
Depth to water: 146.06 ft (44.52 m) below TOC — pH: 4.8
Water elevation: 202.24 ft (61.64 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 119 µS/cm — Water temperature: 21.2°C
The well was continuously pumping.

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	342	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	693	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 7:35
Depth to water: 145.96 ft (44.49 m) below TOC — pH: 5.1
Water elevation: 202.34 ft (61.67 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 120 µS/cm — Water temperature: 19.6°C
The well was continuously pumping.

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	362	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	762	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 7:15
Depth to water: 148.88 ft (45.38 m) below TOC — pH: 4.9
Water elevation: 199.42 ft (60.78 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 113 µS/cm — Water temperature: 19.1°C
The well was continuously pumping.

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	469	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	821	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 11:15
Depth to water: 158.96 ft (48.45 m) below TOC — pH: 4.9
Water elevation: 221.64 ft (67.56 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 22.1°C
The well was continuously pumping.

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	16	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	177	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 8:35
Depth to water: 158.26 ft (48.24 m) below TOC — pH: 5.1
Water elevation: 222.34 ft (67.77 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 20.3°C
The well was continuously pumping.

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	155	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 8:20
Depth to water: 157.55 ft (48.02 m) below TOC — pH: 5.0
Water elevation: 223.05 ft (67.99 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 42 µS/cm — Water temperature: 19.7°C
The well was continuously pumping.

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	11	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	153	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 9:50
Depth to water: 170.15 ft (51.86 m) below TOC — pH: 4.7
Water elevation: 185.35 ft (56.50 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 82 µS/cm — Water temperature: 21.7°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	5,470	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	4,790	µg/L	MA

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 7:45
Depth to water: 170.05 ft (51.83 m) below TOC — pH: 4.8
Water elevation: 185.45 ft (56.53 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 81 µS/cm — Water temperature: 19.8°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	4,660	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	3,000	µg/L	MA

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 7:25
Depth to water: 166.92 ft (50.88 m) below TOC — pH: 4.8
Water elevation: 188.58 ft (57.48 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 80 µS/cm — Water temperature: 19.2°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	8,750	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	4,900	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/10/91 — Time: 11:25
Depth to water: 170.15 ft (51.86 m) below TOC — pH: 4.4
Water elevation: 213.15 ft (64.97 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 22.9°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
2	Tetrachloroethylene	555	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	4,690	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/13/91 — Time: 8:45
Depth to water: 170.15 ft (51.86 m) below TOC — pH: 4.6
Water elevation: 213.15 ft (64.97 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 34 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	554	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	4,070	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 — Time: 8:30
Depth to water: 169.44 ft (51.65 m) below TOC — pH: 4.7
Water elevation: 213.86 ft (65.19 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 20.2°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	4,440	µg/L	MA

WELL SBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 — Time: 12:35
Depth to water: 22.12 ft (6.74 m) below TOC — pH: 4.7
Water elevation: 240.28 ft (73.24 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 130 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	2.5	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
1	Total radium	2.8E-09 ± 3.2E-09	µCi/mL	GE
1	Tritium	2.0E-05 ± 6.0E-07	µCi/mL	GE

WELL SBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 — Time: 14:55
Depth to water: 51.31 ft (15.64 m) below TOC — pH: 4.9
Water elevation: 238.69 ft (72.75 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 86 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	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
1	Total radium	3.6E-09 ± 4.1E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 5.0E-07	µCi/mL	GE

WELL SBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 15:15
Depth to water: 48.12 ft (14.67 m) below TOC pH: 4.8
Water elevation: 238.48 ft (72.69 m) msl Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 84 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	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Total radium	1.7E-09 ± 2.8E-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 SBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91 Time: 11:15
Depth to water: 30.74 ft (9.37 m) below TOC pH: 4.7
Water elevation: 242.36 ft (73.87 m) msl Alkalinity: 0 mg/L
Sp. conductance: 34 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 149 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	2.2	µg/L	GE
2	Tetrachloroethylene	9.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	43	µg/L	GE
1	Total radium	2.7E-09 ± 1.4E-09	µCi/mL	GE
2	Tritium	3.9E-05 ± 9.0E-07	µCi/mL	GE

WELL SBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 13:55
Depth to water: 33.45 ft (10.20 m) below TOC pH: 5.9
Water elevation: 251.05 ft (76.52 m) msl Alkalinity: 12 mg/L
Sp. conductance: 49 µS/cm Water temperature: 20.4°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	1.1	µg/L	GE
0	Tetrachloroethylene	1.2	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	2.9	µg/L	GE
0	Total radium	2.4E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	5.6E-06 ± 4.0E-07	µCi/mL	GE

WELL SBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 13:05
Depth to water: 35.42 ft (10.80 m) below TOC pH: 4.8
Water elevation: 246.28 ft (75.07 m) msl Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	6.2	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
2	Total radium	5.8E-09 ± 4.0E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL SBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 13:05
Depth to water: 35.42 ft (10.80 m) below TOC pH: 4.8
Water elevation: 246.28 ft (75.07 m) msl Alkalinity: 0 mg/L
Sp. conductance: 29 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloroform	5.4	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Total radium	2.3E-09 ± 2.9E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL SCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 Time: 12:15
Depth to water: 45.74 ft (13.94 m) below TOC pH: 5.8
Sp. conductance: 26 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 89 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Manganese	25	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE

WELL SCA 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 Time: 11:30
The well was dry.

WELL SCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 Time: 12:35
Depth to water: 46.73 ft (14.24 m) below TOC pH: 5.9
Water elevation: 242.17 ft (73.81 m) msl Alkalinity: 7 mg/L
Sp. conductance: 27 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	6.8	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE

WELL SCA 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/11/91 Time: 11:20
The well was dry.

WELL SCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91 Time: 9:45
Depth to water: 45.95 ft (14.01 m) below TOC pH: 6.3
Water elevation: 241.35 ft (73.56 m) msl Alkalinity: 15 mg/L
Sp. conductance: 44 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.9	µg/L	GE

ANALYTICAL RESULTS

WELL SCA 3 collected on 08/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,870	µg/L	GE
0	Chloride	1,970	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	648	µg/L	GE
0	Manganese	14	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	Phenols	<5.0	µg/L	GE
0	Potassium	1,920	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,270	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,720	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	22	µg/L	GE
0	Total phosphates (as P)	420	µg/L	GE
0	Gross alpha	3.9E-09 ± 1.6E-09	µCi/mL	GE
0	Nonvolatile beta	3.9E-09 ± 2.2E-09	µCi/mL	GE
2	Total radium	7.3E-09 ± 4.6E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 6.0E-07	µCi/mL	GE

WELL SCA 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 15.08 ft (4.60 m) below TOC
Water elevation: 272.22 ft (82.97 m) msl
Sp. conductance: 606 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 9:30
pH: 6.5
Alkalinity: 182 mg/L
Water temperature: 21.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
2	Specific conductance	700	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	141	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	76,000	µg/L	GE
0	Chloride	5,900	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	5,740	µg/L	GE
1	Manganese	42	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	24,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,330	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	31,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	405,000	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
1	Total organic halogens	30	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	2.8E-09 ± 5.6E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 1.6E-08	µCi/mL	GE
1	Total radium	3.9E-09 ± 3.6E-09	µCi/mL	GE
2	Tritium	2.7E-05 ± 8.0E-07	µCi/mL	GE

WELL SCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 44.58 ft (13.59 m) below TOC
Water elevation: 241.62 ft (73.65 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging

Time: 9:15
pH: 6.1
Alkalinity: 11 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	15	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	1,700	µg/L	GE
0	Chloride	900	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE

WELL SCA 4 collected on 08/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	531	µg/L	GE
0	Manganese	13	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	553	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,990	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,580	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	23	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 2.0E-09	µCi/mL	GE
2	Total radium	5.2E-09 ± 4.0E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL SCA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 16.18 ft (4.93 m) below TOC
Water elevation: 269.92 ft (82.27 m) msl
Sp. conductance: 259 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 9:00
pH: 6.0
Alkalinity: 48 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
1	Specific conductance	270	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	25,100	µg/L	GE
0	Chloride	2,840	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	3,670	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	2,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	5,540	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,760	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,500	µg/L	GE
0	Sulfate	40,900	µg/L	GE
0	Total dissolved solids	159,000	µg/L	GE
1	Total organic carbon	7,000	µg/L	GE
1	Total organic halogens	38	µg/L	GE
0	Total phosphates (as P)	160	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.6E-09 ± 2.1E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 2.7E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 7.0E-07	µCi/mL	GE

WELL SCA 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91
Depth to water: 47.18 ft (14.38 m) below TOC
Water elevation: 240.92 ft (73.43 m) msl
Inaccessibility or pump failure prevented sample collection

Time: 15:30

WELL SCA 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91
Depth to water: 46.30 ft (14.11 m) below TOC
Water elevation: 241.80 ft (73.70 m) msl
Sp. conductance: 131 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging

Time: 16:05
pH: 6.4
Alkalinity: 52 mg/L
Water temperature: 24.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE

WELL SCA 5 collected on 09/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Barium	16	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,120	µg/L	GE
0	Chloride	3,320	µg/L	GE
0	Chromium	<4.0	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	366	µg/L	GE
2	Manganese	56	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	3,680	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	14,400	µg/L	GE
0	Sulfate	2,320	µg/L	GE
0	Total dissolved solids	55,000	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)	110	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	Gross alpha	6.1E-09 ± 3.2E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09 ± 2.3E-09	µCi/mL	GE
0	Total activity	1.7E-05 ± 1.6E-06	µCi/mL	EM
0	Total radium	2.0E-09 ± 1.4E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 5.0E-07	µCi/mL	GE

WELL SCA 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 44.10 ft (13.44 m) below TOC
Water elevation: 241.70 ft (73.67 m) msl
Sp. conductance: 216 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.
Time: 10:00
pH: 8.5
Alkalinity: 87 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.1	pH	GE
0	Specific conductance	190	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	22,200	µg/L	GE
0	Chloride	2,060	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	125	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,210	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,110	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	19,400	µg/L	GE
0	Sulfate	14,500	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	6.6	µg/L	GE
0	Total phosphates (as P)	240	µg/L	GE
0	Gross alpha	4.0E-09 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	5.4E-09 ± 2.3E-09	µCi/mL	GE
2	Total radium	7.0E-09 ± 4.5E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL SLP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 37.59 ft (11.46 m) below TOC
Water elevation: 247.21 ft (75.35 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 10:10
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	18	µg/L	GE

WELL SLP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 37.54 ft (11.44 m) below TOC
Water elevation: 246.26 ft (75.06 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 75 gal
Time: 10:45
pH: 5.9
Alkalinity: 8 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Manganese	3.8	µg/L	GE

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: 104.82 ft (31.95 m) below TOC
Water elevation: 210.38 ft (64.12 m) msl
Inaccessibility or pump failure prevented sample collection.
Time: 12:35

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 107.54 ft (32.78 m) below TOC
Water elevation: 213.06 ft (64.94 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 33 gal
Time: 9:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 19.9°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	Copper	27	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	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	Iron	4.7	µg/L	GE
0	Lead	4.4	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 halogens	33	µg/L	GE
0	Total phosphates (as P)	180	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 115.62 ft (35.24 m) below TOC
Water elevation: 204.98 ft (62.48 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 305 gal
Time: 9:20
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 20.1°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

ANALYTICAL RESULTS

WELL SRW 2A collected on 07/23/91, 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	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Copper	49	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	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	Iron	4.3	µg/L	GE
0	Lead	<3.0	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 halogens	32	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	<1.0	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

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 9:00
Depth to water: 114.61 ft (34.93 m) below TOC pH: 5.0
Water elevation: 205.99 ft (62.79 m) msl Alkalinity: 1 mg/L
Sp. conductance: 19 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 140 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	Copper	11	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	16	µg/L	GE
0	Lead	5.7	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 halogens	8.4	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	Total radium	<1.0E-09	µCi/mL	GE

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 Time: 7:30
Depth to water: 120.83 ft (36.83 m) below TOC pH: 4.7
Water elevation: 211.27 ft (64.40 m) msl Alkalinity: 0 mg/L
Sp. conductance: 18 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 126 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	Copper	9.9	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	<4.0	µg/L	GE
0	Lead	<3.0	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 halogens	<5.0	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
1	Total radium	3.3E-09 ± 2.9E-09	µCi/mL	GE

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91 Time: 12:25
The well was dry.

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91 Time: 8:40
Depth to water: 100.18 ft (30.54 m) below TOC pH: 4.9
Water elevation: 209.22 ft (63.77 m) msl Alkalinity: 4 mg/L
Sp. conductance: 51 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 38 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
2	Carbon tetrachloride	6.0	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	28	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Copper	337	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	<4.0	µg/L	GE
2	Lead	21	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE

WELL SRW 5 collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Toluene	<1.0	µg/L	GE
0	Total organic halogens	<5.0	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
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 1.5E-09	µCi/mL	GE

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/24/91 Time: 7:50
Depth to water: 97.33 ft (29.67 m) below TOC pH: 4.6
Water elevation: 210.37 ft (64.12 m) msl Alkalinity: 0 mg/L
Sp. conductance: 40 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 47 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
2	Carbon tetrachloride	13	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	43	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Copper	71	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	<4.0	µg/L	GE
1	Lead	9.1	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
1	Total organic halogens	37	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
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	2.4E-09 ± 2.6E-09	µCi/mL	GE

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91 Time: 16:05
Depth to water: 89.45 ft (27.26 m) below TOC pH: 4.9
Water elevation: 209.65 ft (63.90 m) msl Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm Water temperature: 23.1°C
Water evacuated before sampling: 40 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
2	Carbon tetrachloride	7.0	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	3.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Copper	195	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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

WELL SRW 7 collected on 07/25/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	82	µg/L	GE
2	Lead	21	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 halogens	10	µg/L	LC
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
1	Trichloroethylene	3.0	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

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 14:40
Depth to water: 80.94 ft (24.67 m) below TOC pH: 5.6
Water elevation: 207.16 ft (63.14 m) msl Alkalinity: 5 mg/L
Sp. conductance: 28 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 32 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
1	Carbon tetrachloride	4.2	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	5.4	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Copper	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	1,2-Dichloropropane	<1.0	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	Iron	4.5	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.5	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
2	Total organic halogens	65	µg/L	GE
0	Total phosphates (as P)	110	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	4.2	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 2.5E-09	µCi/mL	GE

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91 Time: 14:40
Depth to water: 80.94 ft (24.67 m) below TOC pH: 5.6
Water elevation: 207.16 ft (63.14 m) msl Alkalinity: 5 mg/L
Sp. conductance: 28 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 32 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
2	Carbon tetrachloride	5.8	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	7.1	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Copper	36	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL SRW 8 collected on 07/23/91, 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	Iron	4.4	µg/L	GE
0	Lead	7.4	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 halogens	< 5.0	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	Total radium	2.3E-09 ± 2.7E-09	µCi/mL	GE

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 54.94 ft (16.75 m) below TOC
Water elevation: 198.46 ft (60.49 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 84 gal
Time: 15:10
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.7°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	3.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Copper	16	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	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	Iron	4.7	µg/L	GE
0	Lead	4.2	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 halogens	< 10	µg/L	LC
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
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 1.8E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 1.8E-09	µCi/mL	GE

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 55.14 ft (16.81 m) below TOC
Water elevation: 198.16 ft (60.40 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 220 gal
Time: 15:15
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 20.9°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	Copper	27	µg/L	GE

WELL SRW 9A collected on 07/25/91, 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	Iron	6.7	µg/L	GE
0	Lead	< 3.0	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 halogens	< 10	µg/L	LC
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	Total radium	1.8E-09 ± 2.0E-09	µCi/mL	GE

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 53.92 ft (16.44 m) below TOC
Water elevation: 199.48 ft (60.80 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 123 gal
Time: 14:55
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 20.5°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	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	1,2-Dichloropropane	< 1.0	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	Iron	4.3	µg/L	GE
0	Lead	< 3.0	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 halogens	20	µg/L	LC
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
1	Total radium	3.4E-09 ± 3.1E-09	µCi/mL	GE

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 36 gal
Time: 8:20
pH: 4.8
Alkalinity: 1 mg/L
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	2.0	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

WELL SRW 10 collected on 07/26/91, 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	Copper	32	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	4.2	µg/L	GE
0	Lead	4.8	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 halogens	<5.0	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	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.6E-09	µCi/mL	GE

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 86.25 ft (26.29 m) below TOC
Water elevation: 209.55 ft (63.87 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 50 gal

Time: 7:55
pH: 4.5
Alkalinity: 0 mg/L
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
2	Carbon tetrachloride	9.0	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	3.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Copper	53	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	<4.0	µg/L	GE
1	Lead	7.6	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 organic halogens	6.0	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
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.8E-09	µCi/mL	GE

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: 43.14 ft (13.15 m) below TOC
Water elevation: 193.16 ft (58.88 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 234 gal

Time: 12:10
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.2°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
0	Tetrachloroethylene	<5.0	µg/L	MA

WELL SRW 12A collected on 07/06/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 43.28 ft (13.19 m) below TOC
Water elevation: 193.02 ft (58.83 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 223 gal

Time: 14:10
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 21.7°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	Copper	34	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	4.7	µg/L	GE
0	Lead	4.0	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 halogens	<10	µg/L	LC
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	Total radium	2.3E-09 ± 2.8E-09	µCi/mL	GE

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: 47.68 ft (14.53 m) below TOC
Water elevation: 188.62 ft (57.49 m) msl
Sp. conductance: 13 µS/cm
Water evacuated before sampling: 111 gal

Time: 12:00
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	1.7	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
0	Trichloroethylene	<5.0	µg/L	MA

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 47.78 ft (14.56 m) below TOC
Water elevation: 188.52 ft (57.46 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 111 gal

Time: 14:25
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.5°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

ANALYTICAL RESULTS

WELL SRW 12B collected on 07/25/91, 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	3.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Copper	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)	<1.0	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	Iron	20	µg/L	GE
0	Lead	4.4	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 halogens	<10	µg/L	LC
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	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 3.0E-09	µCi/mL	GE

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: 39.72 ft (12.11 m) below TOC
Water elevation: 196.58 ft (59.92 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 46 gal

Time: 12:05
pH: 5.1
Alkalinity: 3 mg/L
Water temperature: 19.0°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/25/91
Depth to water: 41.23 ft (12.57 m) below TOC
Water elevation: 195.07 ft (59.46 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 42 gal

Time: 14:05
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 21.3°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	2.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Copper	53	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	50	µg/L	GE
1	Lead	7.5	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 halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE

WELL SRW 12C collected on 07/25/91, 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
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	1.4E-09 ± 2.6E-09	µCi/mL	GE

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: 97.88 ft (29.83 m) below TOC
Water elevation: 199.82 ft (60.91 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 278 gal

Time: 11:35
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 20.7°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 97.07 ft (29.59 m) below TOC
Water elevation: 200.63 ft (61.15 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 280 gal

Time: 15:40
pH: 4.9
Alkalinity: 1 mg/L
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	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	Copper	41	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	<4.0	µg/L	GE
0	Lead	5.0	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 halogens	32	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
1	Total radium	3.6E-09 ± 3.0E-09	µCi/mL	GE

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: 97.07 ft (29.59 m) below TOC
Water elevation: 200.63 ft (61.15 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 124 gal
Time: 11:15
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.5°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 95.16 ft (29.01 m) below TOC
Water elevation: 202.54 ft (61.73 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 129 gal
Time: 15:20
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 22.0°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	Copper	67	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	<4.0	µg/L	GE
1	Lead	11	µg/L	GE
0	Phenol	<10	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 halogens	<5.0	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
1	Total radium	2.7E-09 ± 2.7E-09	µCi/mL	GE

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: 94.35 ft (28.76 m) below TOC
Water elevation: 203.35 ft (61.98 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 20 gal
Time: 11:20
pH: 5.2
Alkalinity: 3 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	1.2	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
0	Trichloroethylene	<5.0	µg/L	MA

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 89.50 ft (27.28 m) below TOC
Water elevation: 208.20 ft (63.46 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 33 gal
Time: 15:30
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 20.1°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	2.3	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Copper	179	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	8.1	µg/L	GE
2	Lead	20	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 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	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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
1	Total radium	3.0E-09 ± 2.8E-09	µCi/mL	GE

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: 125.70 ft (38.31 m) below TOC
Water elevation: 201.30 ft (61.36 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 229 gal
Time: 10:50
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.5°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	16	µg/L	MA

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 124.59 ft (37.98 m) below TOC
Water elevation: 202.41 ft (61.70 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 242 gal
Time: 14:05
pH: 5.2
Alkalinity: 1 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	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	Copper	37	µg/L	GE

ANALYTICAL RESULTS

WELL SRW 14A collected on 07/23/91, 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	Iron	<4.0	µg/L	GE
0	Lead	5.2	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 halogens	13	µg/L	GE
0	Total organic halogens	<5.0	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
2	Trichloroethylene	20	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 3.0E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 3.0E-09	µCi/mL	GE

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: 123.68 ft (37.70 m) below TOC
Water elevation: 203.22 ft (61.94 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 132 gal

Time: 10:35
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 19.3°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
1	Trichloroethylene	3.4	µg/L	MA

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 123.08 ft (37.52 m) below TOC
Water elevation: 203.82 ft (62.13 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 133 gal

Time: 13:40
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	Copper	55	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	<4.0	µg/L	GE
0	Lead	6.1	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 halogens	<5.0	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
1	Trichloroethylene	4.6	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	3.9E-09 ± 3.7E-09	µCi/mL	GE

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 70 gal

Time: 10:45
pH: 5.1
Alkalinity: 2 mg/L
Water temperature: 19.0°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 80 gal

Time: 14:00
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 20.1°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	Copper	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	1,2-Dichloropropane	<1.0	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	Iron	83	µg/L	GE
1	Lead	10	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 halogens	<5.0	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	Total radium	1.6E-09 ± 2.5E-09	µCi/mL	GE

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 111.99 ft (34.13 m) below TOC
Water elevation: 207.11 ft (63.13 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 287 gal

Time: 8:25
pH: 6.0
Alkalinity: 7 mg/L
Water temperature: 20.1°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	Copper	4.6	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE

WELL SRW 15A collected on 07/23/91, 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	1,2-Dichloropropane	<1.0	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
C	Iron	<4.0	µg/L	GE
0	Lead	<3.0	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 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	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 111.48 ft (33.98 m) below TOC
Water elevation: 207.62 ft (63.28 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 146 gal
Time: 8:05
pH: 5.3
Alkalinity: 1 mg/L
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	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	1,2-Dichloropropane	<1.0	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
C	Iron	12	µg/L	GE
0	Lead	<3.0	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 halogens	11	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	2.6E-09 ± 1.6E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/23/91
Depth to water: 109.17 ft (33.28 m) below TOC
Water elevation: 209.93 ft (63.99 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 58 gal
Time: 6:15
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 19.1°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	Chloroethene	<1.0	µg/L	GE

WELL SRW 15C collected on 07/23/91, 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	Copper	21	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	7.1	µg/L	GE
0	Lead	<3.0	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 halogens	<5.0	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	Total radium	1.0E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 3.2E-09	µCi/mL	GE

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/06/91
Depth to water: 135.37 ft (41.26 m) below TOC
Water elevation: 211.43 ft (64.44 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 27 gal
The well went dry during purging.
Time: 12:55
pH: 7.0
Alkalinity: 38 mg/L
Water temperature: 20.6°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
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	Trichloroethylene	<5.0	µg/L	MA

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 134.97 ft (41.14 m) below TOC
Water elevation: 211.83 ft (64.57 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 26 gal
The well went dry during purging.
Time: 9:30
pH: 6.5
Alkalinity: 31 mg/L
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	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	1,2-Dichloropropane	<1.0	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	Iron	20	µg/L	GE
0	Lead	<3.0	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 halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	1.7	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL SRW 16A collected on 07/26/91, 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
1	Total radium	3.7E-09 ± 3.3E-09	µCi/mL	GE

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 134.03 ft (40.85 m) below TOC
Water elevation: 212.77 ft (64.85 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 138 gal
Time: 9:20
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 19.7°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	Copper	41	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	<4.0	µg/L	GE
1	Lead	7.9	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 halogens	<5.0	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
1	Trichloroethylene	3.2	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Total radium	3.1E-09 ± 3.0E-09	µCi/mL	GE

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/26/91
Depth to water: 133.13 ft (40.58 m) below TOC
Water elevation: 213.47 ft (65.07 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 20 gal
Time: 9:05
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.5°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	Copper	33	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	Iron	8.0	µg/L	GE
1	Lead	10	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

WELL SRW 16C collected on 07/26/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	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	Total radium	2.4E-09 ± 4.0E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 4.0E-09	µCi/mL	GE

WELL SSS 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 34.00 ft (10.36 m) below TOC
Water elevation: 160.90 ft (49.04 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 5 gal
Time: 12:45
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 22.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	200	µg/L	GE

WELL SSS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 10.28 ft (3.13 m) below TOC
Water elevation: 154.82 ft (47.19 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 8 gal
Time: 13:45
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	950	µg/L	GE

WELL SSS 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91
Depth to water: 7.21 ft (2.23 m) below TOC
Water elevation: 156.29 ft (47.64 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 7 gal
Time: 13:20
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.7	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE

WELL SSS 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91
Depth to water: 65.61 ft (20.00 m) below TOC
Water elevation: 201.19 ft (61.32 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 5 gal
Time: 13:30
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic halogens	20	µg/L	GE
0	Total phosphates (as P)	800	µg/L	GE
1	Total radium	3.2E-09 ± 3.5E-09	µCi/mL	GE

WELL SSS 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 12:40
Depth to water: 47.32 ft (14.42 m) below TOC pH: 4.8
Water elevation: 192.68 ft (58.73 m) msl Alkalinity: 2 mg/L
Sp. conductance: 25 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 5 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	1,030	µg/L	GE
0	Total phosphates (as P)	1,010	µg/L	GE
2	Total radium	5.0E-09 ± 4.1E-09	µCi/mL	GE

WELL SSS 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 12:15
Depth to water: 31.51 ft (9.60 m) below TOC pH: 4.7
Water elevation: 181.89 ft (55.44 m) msl Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 5 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	860	µg/L	GE
2	Total radium	1.5E-08 ± 7.6E-09	µCi/mL	GE

WELL SSS 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91 Time: 16:25
Inaccessibility or pump failure prevented sample collection.

WELL SSS 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91 Time: 16:25
Inaccessibility or pump failure prevented sample collection.

WELL SSS 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/17/91 Time: 16:25
Inaccessibility or pump failure prevented sample collection.

WELL SSS 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 13:00
Depth to water: 71.25 ft (21.72 m) below TOC pH: 4.8
Water elevation: 240.35 ft (73.26 m) msl Alkalinity: 1 mg/L
Sp. conductance: 64 µS/cm Water temperature: 20.7°C
Water evacuated before sampling: 5 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic carbon	3,000	µg/L	GE
0	Total phosphates (as P)	1,330	µg/L	GE
1	Total radium	3.8E-09 ± 3.5E-09	µCi/mL	GE

WELL SSS 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 13:40
Depth to water: 72.82 ft (22.23 m) below TOC pH: 4.6
Water elevation: 231.16 ft (70.46 m) msl Alkalinity: 0 mg/L
Sp. conductance: 33 µS/cm Water temperature: 21.1°C
Water evacuated before sampling: 1 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Total organic carbon	5,000	µg/L	GE
0	Total phosphates (as P)	1,700	µg/L	GE
0	Total activity	3.8E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.1E-09 ± 2.7E-09	µCi/mL	GE

WELL SSS 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/19/91 Time: 14:00
Depth to water: 68.87 ft (20.99 m) below TOC
Water elevation: 233.43 ft (71.15 m) msl
Inaccessibility or pump failure prevented sample collection.

WELL SSS 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91 Time: 8:10
Depth to water: 16.78 ft (5.11 m) below TOC pH: 4.6
Water elevation: 205.92 ft (62.77 m) msl Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 12 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Chloride	2,840	µg/L	GE
0	Chloride	2,840	µg/L	GE
2	Iron	334	µg/L	GE
0	Manganese	4.7	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	600	µg/L	GE
0	Nitrate as nitrogen	580	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Sodium	856	µg/L	GE
0	Total dissolved solids	53,000	µg/L	GE
0	Total phosphates (as P)	< 100	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 3.1E-09	µCi/mL	GE

WELL SSS 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 11:45
Depth to water: 48.39 ft (14.75 m) below TOC pH: 4.9
Water elevation: 181.81 ft (55.42 m) msl Alkalinity: 1 mg/L
Sp. conductance: 30 µS/cm Water temperature: 21.6°C
Water evacuated before sampling: 2 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic carbon	< 1,000	µg/L	GE

WELL SSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 Time: 14:45
Depth to water: 74.27 ft (22.64 m) below TOC pH: 4.9
Water elevation: 178.73 ft (54.48 m) msl Alkalinity: 1 mg/L
Sp. conductance: 25 µS/cm Water temperature: 20.6°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic carbon	1,000	µg/L	GE

ANALYTICAL RESULTS

WELL SSS 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/20/91 — Time: 15:05
Depth to water: 92.10 ft (28.07 m) below TOC — pH: 4.8
Water elevation: 194.40 ft (59.25 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic carbon	2,000	µg/L	GE
0	Total activity	2.8E-06 ± 1.2E-06	µCi/mL	EM

WELL SSS 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 — Time: 10:25
Depth to water: 47.45 ft (14.46 m) below TOC — pH: 5.0
Water elevation: 243.45 ft (74.20 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 14 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	280	µg/L	GE
0	Total phosphates (as P)	280	µg/L	GE
1	Total radium	4.5E-09 ± 3.7E-09	µCi/mL	GE

WELL SSS 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 — Time: 9:40
Depth to water: 49.52 ft (15.09 m) below TOC — pH: 5.2
Water elevation: 251.48 ft (76.65 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 10 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	360	µg/L	GE
0	Total radium	2.1E-09 ± 2.9E-09	µCi/mL	GE

WELL SSS 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/15/91 — Time: 9:05
Depth to water: 61.37 ft (18.71 m) below TOC — pH: 5.3
Water elevation: 253.83 ft (77.37 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	260	µg/L	GE
0	Total activity	2.5E-06 ± 1.5E-06	µCi/mL	EM
0	Total radium	2.2E-09 ± 3.1E-09	µCi/mL	GE

WELL SSS 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91 — Time: 9:15
Depth to water: 10.80 ft (3.29 m) below TOC — pH: 6.2
Water elevation: 192.40 ft (58.64 m) msl — Alkalinity: 23 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 15 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Iron	5,790	µg/L	GE
2	Manganese	429	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Total radium	5.7E-09 ± 4.1E-09	µCi/mL	GE

WELL SSS 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91 — Time: 8:45
Depth to water: 21.39 ft (6.52 m) below TOC — pH: 4.7
Water elevation: 193.21 ft (58.89 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 10 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	9.8	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Total radium	2.1E-08 ± 8.2E-09	µCi/mL	GE

WELL SSS 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/16/91 — Time: 10:00
Depth to water: 33.57 ft (10.23 m) below TOC — pH: 4.7
Water elevation: 180.23 ft (54.93 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 13 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Iron	53	µg/L	GE
0	Manganese	13	µg/L	GE
0	Total phosphates (as P)	120	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Total radium	8.8E-09 ± 4.8E-09	µCi/mL	GE

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 — Time: 10:25
Depth to water: 50.13 ft (15.28 m) below TOC — pH: 4.6
Water elevation: 101.07 ft (30.81 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 166 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 31 gal

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 — Time: 10:25
Depth to water: 50.13 ft (15.28 m) below TOC — pH: 4.6
Water elevation: 101.07 ft (30.81 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 166 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 31 gal

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91 — Time: 5:45
Depth to water: 48.53 ft (14.79 m) below TOC — pH: 4.7
Water elevation: 102.67 ft (31.29 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 158 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	145	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	3,620	µg/L	GE
2	Carbon tetrachloride	20	µg/L	GE
0	Chloride	8,600	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

WELL TBG 1 collected on 09/09/91, 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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	4.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	3,380	µg/L	GE
2	Manganese	107	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nitrate as nitrogen	13,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,220	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	12,800	µg/L	GE
0	Sulfate	5,130	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	104,000	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)	<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
2	Trichloroethylene	7.0	µg/L	GE
0	Trichlorofluoromethane	2.0	µg/L	GE
0	Gross alpha	5.7E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	5.6E-09 ± 2.4E-09	µCi/mL	GE
2	Total radium	6.4E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/09/91
Depth to water: 48.53 ft (14.79 m) below TOC
Water elevation: 102.67 ft (31.29 m) msl
Sp. conductance: 158 µS/cm
Water evacuated before sampling: 36 gal

Time: 5:45
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	112	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	139	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	3,480	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	8,200	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
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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

WELL TBG 1 collected on 09/09/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	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	3,240	µg/L	GE
2	Manganese	103	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,190	µg/L	GE
2	Nitrate as nitrogen	12,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,800	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	12,400	µg/L	GE
0	Sulfate	3,050	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	106,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	18,200	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	Gross alpha	2.9E-09 ± 1.5E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 2.3E-09	µCi/mL	GE
1	Total radium	4.1E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	2.2E-06 ± 2.0E-07	µCi/mL	GE

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 46.81 ft (14.30 m) below TOC
Water elevation: 104.29 ft (31.79 m) msl
Sp. conductance: 243 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 12:30
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 23.1°C

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 46.95 ft (14.31 m) below TOC
Water elevation: 104.25 ft (31.78 m) msl
Sp. conductance: 250 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 6:50
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
1	Specific conductance	265	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	217	µg/L	GE
0	Benzene	<10	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	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	<2.0	µg/L	GE
0	Calcium	5,670	µg/L	GE
2	Carbon tetrachloride	50	µg/L	GE
0	Chloride	4,300	µg/L	GE
0	Chloride	5,200	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	<4.0	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	trans-1,3-Dichloropropene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<10	µg/L	GE
0	Fluoride	145	µg/L	GE

ANALYTICAL RESULTS

WELL TBG 3 collected on 09/04/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Iron	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	4,050	µg/L	GE
2	Manganese	554	µg/L	GE
0	Mercury	0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	3,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,010	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	25,500	µg/L	GE
0	Sulfate	2,340	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<10	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	GE
0	Toluene	<10	µg/L	GE
0	Total dissolved solids	173,000	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)	0.21	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
2	Trichloroethylene	80	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	GE
0	Gross alpha	5.7E-09 ± 3.3E-09	µCi/mL	GE
0	Nonvolatile beta	9.9E-09 ± 2.6E-09	µCi/mL	GE
2	Total radium	1.4E-08 ± 4.9E-09	µCi/mL	GE
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	GE

WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 45.44 ft (13.85 m) below TOC
Water elevation: 103.96 ft (31.69 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 152 gal

Time: 11:25
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 22.3°C

WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 45.48 ft (13.86 m) below TOC
Water elevation: 103.92 ft (31.68 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 152 gal

Time: 7:15
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	35	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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,450	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,340	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	398	µg/L	GE

WELL TBG 5A collected on 09/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
1	Manganese	30	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	790	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	834	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,180	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,650	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	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	5.7	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	2,4,5-TP (Silvex)	<0.090	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	4.4E-06 ± 3.0E-07	µCi/mL	GE

WELL TBG 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 34.88 ft (10.63 m) below TOC
Water elevation: 115.12 ft (35.09 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 118 gal

Time: 11:10
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 22.0°C

WELL TBG 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 34.92 ft (10.64 m) below TOC
Water elevation: 115.08 ft (35.08 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 120 gal

Time: 6:30
pH: 5.3
Alkalinity: 3 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	33	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	1,890	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	683	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	618	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL TBG 5B collected on 09/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,090	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	24,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,230	µg/L	GE
0	Sulfate	6,900	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	56,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.9	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	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 TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 39.30 ft (11.98 m) below TOC
Water elevation: 107.50 ft (32.77 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 60 gal

Time: 10:40
pH: 5.4
Alkalinity: 9 mg/L
Water temperature: 22.4°C

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 39.36 ft (12.00 m) below TOC
Water elevation: 107.44 ft (32.75 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 60 gal

Time: 5:50
pH: 5.8
Alkalinity: 12 mg/L
Water temperature: 19.7°C

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	9.9	µg/L	GE
0	Benzene	<10	µg/L	GE
0	Bromide	<1,000	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	<2.0	µg/L	GE
0	Calcium	3,830	µg/L	GE
0	Carbon tetrachloride	<10	µg/L	GE
0	Chloride	2,920	µg/L	GE
0	Chloride	3,020	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	<4.0	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	trans-1,3-Dichloropropene	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	438	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	940	µg/L	GE
0	Nitrate as nitrogen	940	µg/L	GE

WELL TBG 7 collected on 09/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	890	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,440	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,790	µg/L	GE
0	Sulfate	2,790	µg/L	GE
0	Sulfate	2,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<10	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	GE
0	Toluene	<10	µg/L	GE
0	Total dissolved solids	44,000	µg/L	GE
0	Total dissolved solids	46,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.5	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	<10	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
0	Trichloroethylene	<10	µg/L	GE
2	Trichlorofluoromethane	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	1.3E-09 ± 2.3E-09	µCi/mL	GE
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 56.94 ft (17.36 m) below TOC
Water elevation: 99.56 ft (30.35 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 52 gal

Time: 12:15
pH: 5.3
Alkalinity: 13 mg/L
Water temperature: 23.1°C

WELL TNX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 56.98 ft (17.37 m) below TOC
Water elevation: 99.52 ft (30.33 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 52 gal

Time: 9:45
pH: 6.0
Alkalinity: 14 mg/L
Water temperature: 24.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	48	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	3,390	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,460	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	509	µg/L	GE
1	Manganese	31	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	95	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	536	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,400	µg/L	GE
0	Silver	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL TNX 1D collected on 09/03/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	3,300	µg/L	GE
0	Sulfate	1,480	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 dissolved solids	30,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	55	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	8.5E-07 ± 2.0E-07	µCi/mL	GE

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 55.12 ft (16.80 m) below TOC
Water elevation: 99.98 ft (30.47 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 44 gal

Time: 12:55
pH: 5.6
Alkalinity: 11 mg/L
Water temperature: 24.5°C

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 55.67 ft (16.97 m) below TOC
Water elevation: 99.43 ft (30.31 m) msl
Sp. conductance: 78 µS/cm
Water evacuated before sampling: 44 gal

Time: 9:15
pH: 5.8
Alkalinity: 17 mg/L
Water temperature: 23.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	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	5,440	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,000	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	783	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	1,980	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	975	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,160	µg/L	GE
0	Sulfate	3,600	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	52,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	150	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE

WELL TNX 2D collected on 09/03/91, 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
1	Trichloroethylene	3.5	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 ± 1.8E-09	µCi/mL	GE
0	Total radium	2.0E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91
Depth to water: 54.04 ft (16.47 m) below TOC
Water elevation: 100.26 ft (30.56 m) msl
Sp. conductance: 233 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 8:45
pH: 4.7
Alkalinity: 4 mg/L
Water temperature: 22.6°C

WELL TNX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91
Depth to water: 54.12 ft (16.50 m) below TOC
Water elevation: 100.18 ft (30.54 m) msl
Sp. conductance: 280 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 6:15
pH: 4.6
Alkalinity: 7 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
1	Specific conductance	260	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	206	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
2	Carbon tetrachloride	42	µg/L	GE
0	Chloride	8,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
2	Chloroethene (Vinyl chloride)	2.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	16	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	149	µg/L	GE
0	Iron	119	µg/L	GE
0	Lead	6.5	µg/L	GE
0	Magnesium	4,560	µg/L	GE
2	Manganese	434	µg/L	GE
0	Mercury	0.63	µg/L	GE
2	Nitrate as nitrogen	31,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,360	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	30,300	µg/L	GE
0	Sulfate	12,300	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	264,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	51	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	1,1,2-Trichloroethane	3.0	µg/L	GE
2	Trichloroethylene	220	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	Gross alpha	8.2E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 2.9E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	3.5E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 9:00
Depth to water: 45.46 ft (13.86 m) below TOC — pH: 5.0
Water elevation: 104.34 ft (31.80 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

WELL TNX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 6:30
Depth to water: 45.52 ft (13.87 m) below TOC — pH: 4.9
Water elevation: 104.28 ft (31.78 m) msl — Alkalinity: 4 mg/L
Sp. conductance: 51 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 12 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	Arsenic	<2.0	µg/L	GE
0	Barium	9.2	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	2,170	µg/L	GE
1	Carbon tetrachloride	4.0	µg/L	GE
0	Chloride	4,080	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	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	8.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	500	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	997	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	3,420	µg/L	GE
0	Sulfate	1,220	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 dissolved solids	36,000	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)	430	µg/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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 1.9E-09	µCi/mL	GE
1	Total radium	2.7E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	5.2E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 9:25
Depth to water: 42.54 ft (12.97 m) below TOC — pH: 4.9
Water elevation: 106.76 ft (32.54 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 133 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

WELL TNX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 — Time: 5:50
Depth to water: 42.54 ft (12.97 m) below TOC — pH: 4.9
Water elevation: 106.76 ft (32.54 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 129 µS/cm — Water temperature: 19.4°C
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	122	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	1,260	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,810	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	11,000	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	105	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,080	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nitrate as nitrogen	6,300	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	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,800	µg/L	GE
0	Sulfate	8,720	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	10	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	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 ± 2.2E-09	µCi/mL	GE
0	Tritium	2.2E-06 ± 2.0E-07	µCi/mL	GE

WELL TNX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/09/91 — Time: 9:35
Depth to water: 43.51 ft (13.26 m) below TOC — pH: 5.2
Water elevation: 106.99 ft (32.61 m) msl — Alkalinity: 16 mg/L
Sp. conductance: 181 µS/cm — Water temperature: 23.4°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

ANALYTICAL RESULTS

WELL TNX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/04/91 Time: 5:30
Depth to water: 45.70 ft (13.93 m) below TOC pH: 5.1
Water elevation: 104.80 ft (31.94 m) msl Alkalinity: 14 mg/L
Sp. conductance: 162 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	178	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromide	1,620	µg/L	GE
0	Bromide	1,610	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,460	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	21,700	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	3.0	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	999	µg/L	GE
1	Iron	222	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,150	µg/L	GE
1	Manganese	33	µg/L	GE
0	Mercury	<0.20	µg/L	GE
1	Nitrate as nitrogen	5,100	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	9,240	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	24,200	µg/L	GE
0	Sulfate	11,200	µg/L	GE
0	Sulfate	11,000	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	16	µg/L	GE
0	Total phosphates (as P)	<100	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 ± 1.9E-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 TNX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 Time: 14:40
Depth to water: 49.58 ft (15.11 m) below TOC pH: 5.4
Water elevation: 101.32 ft (30.88 m) msl Alkalinity: 12 mg/L
Sp. conductance: 61 µS/cm Water temperature: 25.4°C
Water evacuated before sampling: 48 gal

WELL TNX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91 Time: 10:10
Depth to water: 49.62 ft (15.12 m) below TOC pH: 5.8
Water elevation: 101.20 ft (30.87 m) msl Alkalinity: 14 mg/L
Sp. conductance: 61 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	55	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	2,810	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,820	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	485	µg/L	GE
0	Manganese	5.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	66	µg/L	GE
0	Nitrate as nitrogen	85	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	818	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,580	µg/L	GE
0	Sulfate	10,300	µg/L	GE
0	Sulfate	9,580	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	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	<5.0	µg/L	GE
0	Total organic halogens	<5.0	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	2.2E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL TNX 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 Time: 9:45
Depth to water: 6.40 ft (1.95 m) below TOC pH: 5.2
Water elevation: 93.90 ft (28.62 m) msl Alkalinity: 11 mg/L
Sp. conductance: 126 µS/cm Water temperature: 21.5°C
Water evacuated before sampling: 52 gal

WELL TNX 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91 — Time: 11:25
Depth to water: 6.43 ft (1.96 m) below TOC — pH: 5.5
Water elevation: 93.87 ft (28.61 m) msl — Alkalinity: 10 mg/L
Sp. conductance: 112 µS/cm — Water temperature: 23.7°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	110	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	45	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	4,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,600	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.4	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	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,050	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	6,100	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	12,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,600	µg/L	GE
0	Sulfate	6,770	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	9.6	µg/L	GE
0	Total phosphates (as P)	<100	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
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	<2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 1.2E-09	µCi/mL	GE
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 — Time: 10:15
Depth to water: 7.94 ft (2.42 m) below TOC — pH: 4.8
Water elevation: 93.76 ft (28.58 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 172 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 48 gal

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91 — Time: 11:00
Depth to water: 8.02 ft (2.44 m) below TOC — pH: 5.2
Water elevation: 93.68 ft (28.55 m) msl — Alkalinity: 7 mg/L
Sp. conductance: 168 µS/cm — Water temperature: 22.5°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	163	µS/cm	GE
0	Arsenic	4.2	µg/L	GE
0	Barium	41	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	6,960	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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
2	Iron	978	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,230	µg/L	GE
1	Manganese	26	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	42	µg/L	GE
0	Nitrate as nitrogen	2,380	µg/L	GE
0	Phenols	<5.0	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	17,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,900	µg/L	GE
0	Sulfate	45,700	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	102,000	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	41	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
1	Trichloroethylene	3.0	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 ± 2.1E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 1.2E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 2.0E-07	µCi/mL	GE

WELL TNX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 — Time: 10:35
Depth to water: 8.62 ft (2.63 m) below TOC — pH: 4.3
Water elevation: 93.68 ft (28.55 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 166 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 44 gal

ANALYTICAL RESULTS

WELL TNX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91 — Time: 10:45
Depth to water: 8.66 ft (2.64 m) below TOC — pH: 4.5
Water elevation: 93.64 ft (28.54 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 163 µS/cm — Water temperature: 23.6°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	150	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	45	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	3,390	µg/L	GE
2	Carbon tetrachloride	20	µg/L	GE
0	Chloride	6,200	µg/L	GE
0	Chloride	6,150	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	1.3	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	82	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,270	µg/L	GE
2	Manganese	97	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	7.9	µg/L	GE
2	Nitrate as nitrogen	11,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,180	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	21,100	µg/L	GE
0	Sulfate	43,900	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	119,000	µg/L	GE
2	Total organic carbon	11,000	µg/L	GE
2	Total organic halogens	240	µg/L	GE
2	Total organic halogens	256	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
2	Trichloroethylene	101	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	4.6E-09 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	5.2E-09 ± 2.4E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 1.2E-09	µCi/mL	GE
0	Tritium	3.7E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91 — Time: 10:20
Depth to water: 6.13 ft (1.87 m) below TOC — pH: 5.0
Water elevation: 93.67 ft (28.55 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 25.4°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	58	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	3,260	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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	201	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	710	µg/L	GE
1	Manganese	26	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	Nitrate as nitrogen	120	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	17,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,220	µg/L	GE
0	Sulfate	21,600	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	42,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	132	µg/L	GE
0	Total phosphates (as P)	720	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	3.5	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	1.8E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	5.2E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 — Time: 10:50
Depth to water: 6.16 ft (1.88 m) below TOC — pH: 4.7
Water elevation: 93.64 ft (28.54 m) msl — Alkalinity: 1 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 56 gal

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 — Time: 11:20
Depth to water: 4.37 ft (1.33 m) below TOC — pH: 5.7
Water elevation: 94.83 ft (28.90 m) msl — Alkalinity: 24 mg/L
Sp. conductance: 76 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 57 gal

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 4.37 ft (1.33 m) below TOC
Water elevation: 94.83 ft (28.90 m) msl
Sp. conductance: 76 µS/cm
Water evacuated before sampling: 57 gal

Time: 11:20
pH: 5.7
Alkalinity: 24 mg/L
Water temperature: 20.5°C

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 4.42 ft (1.35 m) below TOC
Water elevation: 94.78 ft (28.89 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 56 gal

Time: 11:45
pH: 6.0
Alkalinity: 26 mg/L
Water temperature: 23.3°C

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	31	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	5,730	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)	1.4	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	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,760	µg/L	GE
1	Manganese	30	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	2,850	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,820	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,850	µg/L	GE
0	Sulfate	6,180	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	33,000	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)	<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	2.7E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 1.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 4.42 ft (1.35 m) below TOC
Water elevation: 94.78 ft (28.89 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 56 gal

Time: 11:45
pH: 6.0
Alkalinity: 26 mg/L
Water temperature: 23.3°C

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	32	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	5,930	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,820	µg/L	GE
1	Manganese	31	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	3,410	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,010	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,150	µg/L	GE
0	Sulfate	6,300	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	34,000	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)	<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	3.1E-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 XSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 56.96 ft (17.36 m) below TOC
Water elevation: 99.04 ft (30.19 m) msl
Sp. conductance: 105 µS/cm
Water evacuated before sampling: 145 gal

Time: 12:15
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 21.8°C

ANALYTICAL RESULTS

WELL XSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 56.98 ft (17.37 m) below TOC
Water elevation: 99.02 ft (30.18 m) msl
Sp. conductance: 116 µS/cm
Water evacuated before sampling: 144 gal

Time: 7:45
pH: 5.3
Alkalinity: 2 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	115	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	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	1,490	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	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	7.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	342	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	7,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	693	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,150	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,000	µg/L	GE
0	Sulfate	7,220	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 dissolved solids	78,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	266	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	1.2E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 52.08 ft (15.87 m) below TOC
Water elevation: 103.82 ft (31.64 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 104 gal

Time: 8:15
pH: 5.5
Alkalinity: 6 mg/L
Water temperature: 21.0°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	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	2,920	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)	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	720	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	573	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	<50	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	25,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,340	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	45,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	50	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	2.5E-09 ± 1.1E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 52.04 ft (15.86 m) below TOC
Water elevation: 103.86 ft (31.66 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 103 gal

Time: 12:00
pH: 5.1
Alkalinity: 4 mg/L
Water temperature: 20.8°C

WELL XSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 56.48 ft (17.22 m) below TOC
Water elevation: 99.52 ft (30.33 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 30 gal

Time: 11:50
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 23.7°C

WELL XSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91 — Time: 7:35
Depth to water: 56.57 ft (17.24 m) below TOC — pH: 5.1
Water elevation: 99.43 ft (30.31 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 88 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	75	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	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	2,010	µg/L	GE
2	Carbon tetrachloride	19	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	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
0	Iron	43	µg/L	GE
0	Lead	4.8	µg/L	GE
0	Magnesium	580	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	4,850	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	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,160	µg/L	GE
0	Sulfate	4,290	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	4.7	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	73,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	99	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
2	Trichloroethylene	59	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 ± 2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 1.2E-09	µCi/mL	GE
0	Tritium	5.3E-06 ± 3.0E-07	µCi/mL	GE

WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 — Time: 13:45
Depth to water: 55.63 ft (16.96 m) below TOC — pH: 6.1
Water elevation: 99.17 ft (30.23 m) msl — Alkalinity: 31 mg/L
Sp. conductance: 197 µS/cm — Water temperature: 22.2°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91 — Time: 9:40
Depth to water: 55.70 ft (16.98 m) below TOC — pH: 8.2
Water elevation: 99.10 ft (30.21 m) msl — Alkalinity: 88 mg/L
Sp. conductance: 278 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
1	pH	8.7	pH	GE
1	Specific conductance	250	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	76	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	34,400	µg/L	GE
2	Carbon tetrachloride	14	µg/L	GE
0	Chloride	4,750	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	2.0	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)	4.0	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	1,090	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	5,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,920	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,910	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,300	µg/L	GE
0	Sulfate	2,230	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	2.0	µg/L	GE
0	Total dissolved solids	179,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	166	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
2	Trichloroethylene	144	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.4E-09 ± 2.3E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91 — Time: 10:05
Depth to water: 56.63 ft (17.26 m) below TOC — pH: 6
Water elevation: 100.37 ft (30.58 m) msl — Alkalinity: 8 mg/L
Sp. conductance: 198 µS/cm — Water temperature: 21.3°C
Water evacuated before sampling: 100 gal

ANALYTICAL RESULTS

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 56.63 ft (17.26 m) below TOC
Water elevation: 100.37 ft (30.59 m) msl
Sp. conductance: 198 µS/cm
Water evacuated before sampling: 100 gal

Time: 10:05
pH: 5.6
Alkalinity: 8 mg/L
Water temperature: 21.3°C

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 56.68 ft (17.28 m) below TOC
Water elevation: 100.32 ft (30.58 m) msl
Sp. conductance: 110 µS/cm
Water evacuated before sampling: 100 gal

Time: 8:45
pH: 5.7
Alkalinity: 11 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,930	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.4	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	109	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	998	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	0.30	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	7,550	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	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,100	µg/L	GE
0	Sulfate	5,600	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	94,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	99	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
2	Trichloroethylene	73	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 ± 2.2E-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 XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/03/91
Depth to water: 56.68 ft (17.28 m) below TOC
Water elevation: 100.32 ft (30.58 m) msl
Sp. conductance: 110 µS/cm
Water evacuated before sampling: 100 gal

Time: 8:45
pH: 5.7
Alkalinity: 11 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	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	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	4,120	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
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
0	Iron	106	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,030	µg/L	GE
0	Manganese	25	µg/L	GE
0	Mercury	0.40	µg/L	GE
0	Nickel	4.6	µg/L	GE
1	Nitrate as nitrogen	8,400	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	Silica	10,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,500	µg/L	GE
0	Sulfate	5,090	µg/L	GE
0	Sulfate	5,250	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	81,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	115	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
2	Trichloroethylene	76	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.4E-09 ± 2.1E-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 XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 07/08/91
Depth to water: 55.76 ft (17.00 m) below TOC
Water elevation: 99.14 ft (30.22 m) msl
Sp. conductance: 102 µS/cm
Water evacuated before sampling: 40 gal

Time: 9:20
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 22.0°C

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91 — Time: 9:20
Depth to water: 55.79 ft (17.00 m) below TOC — pH: 5.3
Water elevation: 99.11 ft (30.21 m) msl — Alkalinity: 3 mg/L
Sp. conductance: 102 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	95	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	26	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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,120	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,250	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	50	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	748	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	9,300	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	9,630	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,900	µg/L	GE
0	Sulfate	6,100	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	61,000	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)	<100	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	6.0	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 ± 1.9E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE

WELL XSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/12/91 — Time: 9:20
Depth to water: 19.91 ft (6.07 m) below TOC — pH: 4.9
Water elevation: 92.09 ft (28.07 m) msl — Alkalinity: 0 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 21.8°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	arium	6.4	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	Bromoform	<1.0	µg/L	GE

WELL XSB 5A collected on 09/12/91, 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	1,780	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,580	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	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	9.3	µg/L	GE
1	Lead	9.0	µg/L	GE
0	Magnesium	244	µg/L	GE
0	Manganese	6.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	914	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	7,970	µg/L	GE
0	Sulfate	5,570	µg/L	GE
0	Sulfate	6,240	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	59,000	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	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	Gross alpha	3.6E-09 ± 1.2E-09	µCi/mL	GE
0	Nonvolatile beta	4.4E-09 ± 1.2E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	3.2E-06 ± 3.0E-07	µCi/mL	GE

WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91 — Time: 8:20
Depth to water: 23.15 ft (7.06 m) below TOC — pH: 5.6
Water elevation: 122.35 ft (37.29 m) msl — Alkalinity: 6 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 21.1°C
Water evacuated before sampling: 64 gal

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	9.6	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,550	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,320	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	7.3	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	49	µg/L	GE
0	Lead	3.9	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	13	µg/L	GE
0	Nitrate as nitrogen	1,150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	716	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,260	µg/L	GE
0	Silver	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL YSB 1A collected on 09/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Sodium	3,790	µg/L	GE
0	Sulfate	1,090	µg/L	GE
0	Tetrachloroethylene	<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	16	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	Trichloroethylene	<1.0	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	2.2E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	3.7E-06 ± 3.0E-07	µCi/mL	GE

WELL YSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91 — Time: 7:55
Depth to water: 21.06 ft (6.42 m) below TOC — pH: 5.3
Water elevation: 123.64 ft (37.69 m) msl — Alkalinity: 2 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 68 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	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	8,300	µg/L	GE
0	Chloroform	<1.0	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	110	µg/L	GE
0	Iron	111	µg/L	GE
0	Lead	4.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	545	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	Nickel	24	µg/L	GE
0	Nitrate as nitrogen	1,320	µg/L	GE
0	Phenols	5.1	µg/L	GE
0	Potassium	718	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,430	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,970	µg/L	GE
0	Sulfate	2,950	µg/L	GE
0	Tetrachloroethylene	<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)	<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	Trichloroethylene	<1.0	µg/L	GE
0	Zinc	7.5	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	2.3E-06 ± 2.0E-07	µCi/mL	GE

WELL YSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91 — Time: 7:20
Depth to water: 20.65 ft (6.29 m) below TOC — pH: 6.4
Water elevation: 123.25 ft (37.57 m) msl — Alkalinity: 54 mg/L
Sp. conductance: 318 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 72 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
1	Specific conductance	340	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.6	µg/L	GE
0	Bromide	<1,000	µg/L	GE

WELL YSB 3A collected on 09/02/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,420	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	31,800	µg/L	GE
0	Chloroform	11	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	67	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	486	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	18	µg/L	GE
0	Nitrate as nitrogen	2,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	911	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,010	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	61,300	µg/L	GE
0	Sulfate	13,800	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	196,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	220	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	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	2.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-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 YSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/02/91 — Time: 6:55
Depth to water: 22.41 ft (6.83 m) below TOC — pH: 5.4
Water elevation: 122.19 ft (37.24 m) msl — Alkalinity: 13 mg/L
Sp. conductance: 168 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	151	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	27	µg/L	GE
0	Bromide	<1,000	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	9,200	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	9.5	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	93	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Magnesium	639	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	20	µg/L	GE
1	Nitrate as nitrogen	8,300	µg/L	GE
0	Phenols	5.1	µg/L	GE
0	Potassium	763	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,750	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	25,300	µg/L	GE
0	Sulfate	9,490	µg/L	GE
0	Sulfate	9,310	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	118,000	µg/L	GE
0	Total dissolved solids	113,000	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	62	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL YSB 4A collected on 09/02/91, 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	Trichloroethylene	<1.0	µg/L	GE
0	Zinc	7.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 2.0E-07	µCi/mL	GE

WELL YSC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 16:40
Inaccessibility or pump failure prevented sample collection.

WELL YSC 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91 Time: 14:05
Depth to water: 55.38 ft (16.88 m) below TOC pH: 8.4
Water elevation: 219.02 ft (66.76 m) msl Alkalinity: 27 mg/L
Sp. conductance: 81 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.6	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	49	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,800	µg/L	GE
0	Chloride	1,920	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	352	µg/L	GE
0	Manganese	8.2	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	793	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,160	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,630	µg/L	GE
0	Sulfate	<1,000	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 organic halogens	11	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 1.1E-09	µCi/mL	GE
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL YSC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91 Time: 13:45
Depth to water: 120.71 ft (36.79 m) below TOC pH: 11.7
Water elevation: 162.99 ft (49.68 m) msl Alkalinity: 239 mg/L
Sp. conductance: 1025 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 93 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
0	Specific conductance	85	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	238	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	73,000	µg/L	GE
0	Chloride	1,900	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	104	µg/L	GE
0	Manganese	2.6	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	21,200	µg/L	GE

WELL YSC 2A collected on 08/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	12,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,500	µg/L	GE
0	Sulfate	<1,000	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	5.2	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.7E-08 ± 3.2E-09	µCi/mL	GE
2	Total radium	5.9E-09 ± 2.1E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL YSC 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/22/91 Time: 16:50
Inaccessibility or pump failure prevented sample collection.

WELL YSC 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91 Time: 14:35
Depth to water: 61.05 ft (18.61 m) below TOC pH: 6.2
Water elevation: 228.55 ft (69.66 m) msl Alkalinity: 8 mg/L
Sp. conductance: 41 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 86 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	40	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	3,870	µg/L	GE
0	Chloride	1,710	µg/L	GE
0	Chloride	1,750	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	516	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,580	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	1,500	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	18	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Total phosphates (as P)	<100	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
1	Tritium	1.1E-05 ± 5.0E-07	µCi/mL	GE

WELL YSC 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91 Time: 15:10
Depth to water: 92.69 ft (28.25 m) below TOC pH: 9.2
Water elevation: 182.21 ft (55.54 m) msl Alkalinity: 96 mg/L
Sp. conductance: 229 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 174 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.0	pH	GE
1	Specific conductance	250	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	55	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	36,400	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.9	µg/L	GE

ANALYTICAL RESULTS

WELL YSC 5A collected on 08/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Magnesium	630	µg/L	GE
0	Manganese	19	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	3,730	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	28,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,030	µg/L	GE
0	Sulfate	11,500	µg/L	GE
0	Total dissolved solids	154,000	µg/L	GE
0	Total dissolved solids	158,000	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	35	µg/L	GE
0	Total phosphates (as P)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.1E-09	µCi/mL	GE
1	Total radium	3.4E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL YSC 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91 Time: 15:10
Depth to water: 92.69 ft (28.25 m) below TOC pH: 9.2
Water elevation: 182.21 ft (55.54 m) msl Alkalinity: 96 mg/L
Sp. conductance: 229 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 174 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.0	pH	GE
1	Specific conductance	250	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	55	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	36,400	µg/L	GE
0	Chloride	2,440	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	634	µg/L	GE
0	Manganese	19	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	3,740	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	4,070	µg/L	GE
0	Sulfate	11,200	µg/L	GE
0	Total dissolved solids	150,000	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)	<100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 2.1E-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 Z 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 9:30
Depth to water: 61.50 ft (18.75 m) below TOC pH: 6.8
Water elevation: 218.00 ft (66.45 m) msl
Sp. conductance: 42 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.3E-09 ± 1.6E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE

WELL ZBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91 Time: 12:55
Depth to water: 55.42 ft (16.89 m) below TOC pH: 5.6
Water elevation: 235.68 ft (71.84 m) msl Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
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	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)	7.3	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	Lead	4.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	1,590	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	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	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 5.0E-07	µCi/mL	GE

WELL ZBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91 Time: 12:55
Depth to water: 55.42 ft (16.89 m) below TOC pH: 5.6
Water elevation: 235.68 ft (71.84 m) msl Alkalinity: 1 mg/L
Sp. conductance: 27 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.7	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	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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)	8.2	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	Ethylbenzene	<1.0	µg/L	GE
0	Lead	3.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL ZBG 1 collected on 08/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,580	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	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	Total radium	1.4E-09 ± 1.2E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 5.0E-07	µCi/mL	GE

WELL ZBG 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 11.87 ft (3.62 m) below TOC
Water elevation: 270.13 ft (85.08 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.
Time: 12:25
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 23.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
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	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)	11	µg/L	GE
0	1,2-Dichloropropane	<1.0	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	490	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	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	2.5E-09 ± 1.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.0E-06 ± 4.0E-07	µCi/mL	GE

WELL ZBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/23/91
Depth to water: 53.51 ft (16.31 m) below TOC
Water elevation: 224.49 ft (68.43 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 36 gal
Time: 11:55
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony	<2.0	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

WELL ZBG 2 collected on 08/23/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlorobenzene	1.3	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	1,2-Dichloropropane	<1.0	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	980	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	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	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE

WELL ZDT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 24.08 ft (7.34 m) below TOC
Water elevation: 241.02 ft (73.46 m) msl
Sp. conductance: 115 µS/cm
Water evacuated before sampling: 45 gal
Time: 11:00
pH: 5.8
Alkalinity: 25 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<100	µg/L	GE
1	Total radium	4.6E-09 ± 3.6E-09	µCi/mL	GE
2	Tritium	2.5E-05 ± 7.0E-07	µCi/mL	GE

WELL ZDT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 08/14/91
Depth to water: 22.16 ft (6.75 m) below TOC
Water elevation: 242.84 ft (74.02 m) msl
Sp. conductance: 93 µS/cm
Water evacuated before sampling: 47 gal
Time: 11:20
pH: 5.7
Alkalinity: 17 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<100	µg/L	GE
1	Total radium	3.2E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	2.3E-05 ± 7.0E-07	µCi/mL	GE

WELL ZW 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91
Depth to water: 134.00 ft (40.84 m) below TOC
Water elevation: 142.70 ft (43.50 m) msl
Sp. conductance: 23 µS/cm
No water was evacuated before sampling.
Time: 15:15
pH: 7.2
Water temperature: 23.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.5E-09 ± 2.2E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Tritium	6.2E-06 ± 4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL ZW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 10:00
Depth to water: 79.70 ft (24.29 m) below TOC pH: 6.2
Water elevation: 209.30 ft (63.80 m) msl
Sp. conductance: 151 µS/cm Water temperature: 22.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Tritium	1.4E-04 ± 1.6E-06	µCi/mL	GE

WELL ZW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 10:15
Depth to water: 57.00 ft (17.37 m) below TOC pH: 6.3
Water elevation: 202.40 ft (61.69 m) msl
Sp. conductance: 19 µS/cm Water temperature: 20.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	4.0E-09 ± 2.9E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 3.4E-09	µCi/mL	GE
0	Tritium	5.3E-06 ± 3.0E-07	µCi/mL	GE

WELL ZW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 12:20
Depth to water: 41.00 ft (12.50 m) below TOC pH: 6.7
Water elevation: 233.80 ft (71.26 m) msl
Sp. conductance: 177 µS/cm Water temperature: 22.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09 ± 1.5E-08	µCi/mL	GE
1	Tritium	1.0E-05 ± 5.0E-07	µCi/mL	GE

WELL ZW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 10:30
Depth to water: 49.40 ft (15.06 m) below TOC pH: 6.3
Water elevation: 228.40 ft (69.62 m) msl
Sp. conductance: 149 µS/cm Water temperature: 21.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	1.0E-08 ± 3.0E-09	µCi/mL	GE
2	Tritium	5.2E-05 ± 1.0E-06	µCi/mL	GE

WELL ZW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 12:00
Depth to water: 47.50 ft (14.48 m) below TOC pH: 6.4
Water elevation: 220.60 ft (67.24 m) msl
Sp. conductance: 171 µS/cm Water temperature: 22.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.2E-09 ± 2.5E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.3E-09	µCi/mL	GE
0	Tritium	8.4E-06 ± 4.0E-07	µCi/mL	GE

WELL ZW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 12:50
Depth to water: 5.40 ft (1.65 m) below TOC pH: 7.2
Water elevation: 267.00 ft (81.38 m) msl
Sp. conductance: 58 µS/cm Water temperature: 27.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.3E-09 ± 8.9E-09	µCi/mL	GE
0	Nonvolatile beta	5.4E-09 ± 1.5E-08	µCi/mL	GE
1	Tritium	1.4E-05 ± 5.0E-07	µCi/mL	GE

WELL ZW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 14:30
Depth to water: 1.50 ft (0.46 m) below TOC pH: 7.2
Water elevation: 271.90 ft (82.88 m) msl
Sp. conductance: 140 µS/cm Water temperature: 26.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.5E-09 ± 2.5E-09	µCi/mL	GE
0	Nonvolatile beta	6.7E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	8.0E-06 ± 4.0E-07	µCi/mL	GE

WELL ZW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 14:35
Depth to water: 34.00 ft (10.36 m) below TOC pH: 6.3
Water elevation: 254.70 ft (77.63 m) msl
Sp. conductance: 76 µS/cm Water temperature: 24.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.2E-09	µCi/mL	GE
2	Tritium	1.3E-04 ± 1.6E-06	µCi/mL	GE

WELL ZW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 14:15
Depth to water: 47.20 ft (14.39 m) below TOC pH: 5.3
Water elevation: 253.20 ft (77.18 m) msl
Sp. conductance: 71 µS/cm Water temperature: 23.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	8.7E-09 ± 2.8E-09	µCi/mL	GE
2	Tritium	7.7E-05 ± 1.3E-06	µCi/mL	GE

WELL 905103F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 09/19/91 Time: 14:10
Depth to water: Not available pH: 4.4
Water elevation: Not available Alkalinity: 0 mg/L
Sp. conductance: 46 µS/cm Water temperature: 22.3°C
Water evacuated before sampling: 6000 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Turbidity	0.32	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<1.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<1.0	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE

WELL 905103F collected on 09/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.050	µg/L	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
0	Allyl chloride	<50	µg/L	GE
2	Aluminum	266	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	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	<0.050	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	GE
0	delta-Benzene hexachloride	<0.050	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	Bis(2-chloroisopropyl)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	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,020	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
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	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	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	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)	<1.0	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	<20	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)	14	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

WELL 905103F collected on 09/19/91, laboratory analyses (cont.)

F	Analyte	Result	Unit	Lab
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	<0.050	µg/L	GE
0	Heptachlor epoxide	<0.050	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	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
2	Iron	1,030	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	336	µg/L	GE
0	Manganese	18	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	34	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	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	Parathion	<0.050	µg/L	GE
0	Parathion methyl	<0.050	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	<1.0	µg/L	GE
0	PCB 1260	<1.0	µg/L	GE
0	Pentachlorobenzene	<10	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	<0.10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	679	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	Selenium	<2.0	µg/L	GE
0	Silica	12,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,180	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	15,100	µg/L	GE

ANALYTICAL RESULTS

WELL 905103F collected on 09/19/91, 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	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	Thionazin	<10	µg/L	GE
0	Toluene	2.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	20,000	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	1,2,4-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	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	109	µg/L	GE
0	Total activity	2.2E-07 ± 1.3E-06	µCi/mL	EM

END

DATE FILMED

8/26/92